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# A CATALOGUE

OF

# SURGICAL INSTRUMENTS

## AND APPLIANCES

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# PREFACE.

DOWN BROS., in submitting this new edition of their Catalogue to the Medical Profession, beg to tender their sincere thanks for the liberal and increasing support they have received during the past ten years, and trust by unremitting diligence to merit its continuance.

Every endeavour has been made to render the description of Instruments reliable, particulars having been obtained in most instances from original sources, and also as far as possible to include all new instruments and improvements brought into use up to the time of publication, and it is therefore hoped that it may be found a useful work of reference.

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# INDEX.

## A.


PAGE

Abbott's Ear Forceps ..... 120
Abdominal Belts, Binders, etc. ... 468–471
Compressors ..... 470
Suture Needles ..... 24
Tourniquets ..... 15
Abscess Knives ..... 25, 27
Pocket Knives ..... 50–52
Lancets ..... 52
Absorbent Wools ..... 526
Acid Brushes ..... 504
Accouchement Binders ..... 469
Acton's Syringe ..... 179
Acupressure Pins ..... 12
Acupuncture Pins ..... 12
Adams' Eyelid Retractor ..... 171
Iris Scissors ..... 173
Nasal Septum Instruments ..... 145
Peritoneum Hook ..... 314
Tenotomy Knives ..... 27
Saws ..... 36
Æsthesiometers ..... 407
Air Cushions and Pillows ..... 487–489
Mattresses ..... 489
Aitken's Stem Pessary ..... 293
Albumimetre ..... 428
Alexander's Urine Test Case ..... 421
Allen's Bronchitis & Croup Kettles, 93–95
Hot Air Bath ..... 97
Nasal Spatula ..... 149
Politzerisation Apparatus ..... 127
Vapour Baths ..... 97
Allingham's Elastic Ligature Instrument ..... 317
Fistula Director ..... 321
Fistula Scissors ..... 324
Ointment Introducer ..... 323
Pile Clamp ..... 319, 320
Rectum Specula ..... 326
Alum Puffs ..... 73, 74, 147
Amalgam Tooth Stopping ..... 347
Ambulance Hampers ..... 519
American Pin Cutters ..... 68

PAGE

Amesbury's Box Splint ..... 445
Amputation Instruments ..... 1–17
Knives ..... 6
Saws ..... 6, 7
Anæsthetic Ether ..... 406
Inhalers ..... 399, 406
Sprays ..... 405, 406
Anasarca Trocar ..... 358
Anatomical Instruments ..... 367, 368
Andrews' Stethoscope ..... 412
Anel's Lachrymal Syringe ..... 158
Probes ..... 170
Anklets, Elastic ..... 472, 473
Wire Elastic ..... 450
Aneurism Needles ..... 18
Tourniquets ..... 15–17
Anti-Rheumatic Belts ..... 469
Antiseptic Dressings ..... 519, 520
Inhalers and Solution ..... 101, 103
Marine Lint ..... 519
Sprays ..... 495–497
Apostoli's Apparatus ..... 375, 376
Artery Forceps ..... 8–10
Articulated and Disarticulated Skulls, etc. ..... 367
Artificial Arms ..... 463, 464
Eyes ..... 464
Feet ..... 464–466
Fingers ..... 464
Hands ..... 464
Leeches ..... 375
Legs ..... 464–466
Limbs ..... 462–466
Sound Magnifiers ..... 136
Tympana ..... 135
Vitreous Bodies ..... 177
Armlets, Elastic ..... 473
Arm Baths ..... 498
Arms, Artificial ..... 463, 464
Arm Slings ..... 432, 433
Sockets ..... 463
Splints ..... 437–444
Ascites Trocars ..... 354, 355, 359

| | PAGE |
|---|---|
| Ascites Tubes | 304 |
| Aspirators | 348–350 |
| Tracheotomy | 92 |
| Assilini's Artery Forceps | 8 |
| Midwifery Forceps | 234 |
| Astigmatism Dials | 156 |
| Atthill's Canula | 247 |
| Aural Instruments | 115–135 |
| Insufflators | 126 |
| Specula | 129–134 |
| Auriscopes | 129–134 |
| Auscultation Tube | 127 |
| Aveling's Metrotome | 265 |
| Midwifery Forceps | 235 |
| Polytrite | 255 |
| Transfusion Apparatus | 244 |
| Uterine Repositor | 303 |
| Uterine Sound | 269 |
| Avery's Ear Forceps | 120 |
| Awls, for Bone Sutures | 29 |
| Cleft Palate | 59 |


## B.


| | PAGE |
|---|---|
| Baber's Aural Mirror | 129 |
| Ear Specula | 131 |
| Nose Hook | 145 |
| Nose Probes | 147 |
| Nose Speculum | 152 |
| Palate Lever | 147 |
| Snare | 149 |
| Tongue Depressor | 81 |
| Back Rests | 498 |
| Badcock's Vaccine Lancet | 56 |
| Bader's Cataract Knife | 162 |
| Ophthalmoscope | 167 |
| Syringe for Eyelids | 158 |
| Bags, Gynæcological | 246 |
| Hot Water | 490 |
| Ice | 492–494 |
| Spinal, Hot Water, and Ice | 493, 494 |
| Midwifery | 222–224 |
| Surgical | 19 |
| Baker's (Morrant) Tracheotomy Tubes | 89 |
| Baldwin's Ruptured Perineum Needle | 239 |
| Ballard's Stopping Forceps | 347 |
| Balmanno Squire's Urethra Syringe | 337 |
| Bandages | 520–522 |
| Clavicle | 433 |
| Eye | 155 |
| Martin's | 522 |
| Many Tailed | 522 |
| Prolapsus Ani | 481 |
| ,, Uteri | 482 |
| Suspensory | 473–476 |
| "T" or Perineal | 522 |
| Bandage Cutters | 523–524 |
| Rollers | 523 |
| Shears | 524 |
| Bantock's Intra-Uterine Stem | 290 |
| Barclay's Midwifery Forceps | 235 |
| Bardeleben's Insufflators | 507 |
| Barnes' Blunt Hook | 226 |
| Barnes' Caustic Probe | 248 |
| Craniotomy Forceps | 229 |
| Ecraseur | 255 |
| Galvanic Stem | 291 |
| Gynæcological Bag | 246 |
| Glove Stretcher | 248 |
| Hydrostatic Dilators | 232, 233 |
| Intra-Uterine Stem | 291 |
| Metal Pessaries | 293 |
| Midwifery Bag | 224 |
| ,, Forceps | 235 |
| ,, ,, with Neville's Axis Traction Arrangement | 236 |
| Midwifery Forceps with Simpson's Handles | 235, 236 |
| Ointment Instruments | 248 |
| Stem Pessary | 293 |
| Tampon Introducer | 248 |
| Tent Introducer | 272 |
| Uterus Tube | 248 |
| Vaginal Specula | 278 |
| Whalebone Probe | 270 |
| Zinc Point Introducer | 248 |
| Barnes' (Fancourt) Cephalotribe | 228 |
| Barron's Stethoscope | 412 |
| Barr's Pessary | 293 |
| Basdon's Inhaler | 100 |
| Basilysts | 225, 226 |
| Basins, Bleeding | 500 |
| Baths, Arm | 498 |
| Bed | 498 |
| Eye | 507 |
| Bath Specula | 339 |
| Thermometers | 514 |
| Batteries | 378–390, 395, 396 |
| Baumeister's Ophthalmoscope | 167 |
| Bavarian Splint Flannel | 449 |
| Beale's Urine Test Cabinet | 421 |
| Beds, Air and Water | 489–491 |
| Bed Baths | 498 |
| Cradles and Frames | 434–436 |
| Pans | 498, 499 |
| Rests | 499, 500 |
| Sheets and Sheeting | 491 |
| Bedsteads, Invalid | 516–518 |
| Bed Urinals | 483–487, 515, 516 |
| Beer's Cataract Knife | 162 |
| Cataract Needle | 165 |
| Bell's Scaling Instruments | 347 |
| Bells, Electric | 507 |
| Belloc's Epistaxis Canula | 141 |
| Belts, Abdominal | 468–470 |
| Anti-Rheumatic | 469 |
| Cholera | 469 |
| Corpulency | 470 |
| Riding | 470 |
| Swimming | 489 |
| Umbilical | 470–471 |
| Bennett's Percussors | 409 |
| Sets Uterine Instruments | 246 |
| Vaginal Speculum | 278 |
| Berkeley Hill's Evacuation Apparatus | 211 |
| Urethrotome | 199 |
| Bi-Coudée Catheters | 189 |

PAGE

Bidets ... 498
Bigelow's Lithotrite ... 218
Sinus Dilator ... 19
Billing's Stethoscope ... 412
Binaural Stethoscopes ... 417, 418
Binders, Obstetric ... 469
Bird's Ether Mixtures Inhaler ... 399
Bird-Stuffing Instruments ... 368
Bistouries ... 19–21
Hernia ... 21
Pharyngeal ... 80
Tonsil ... 83
Bistoury Boxes ... 20
Blackbee's Pessary ... 294
Bladder Instruments ... 178–201
Forceps ... 194
Siphons ... 179–181
Sounds ... 222
Syringes ... 181
Trocars ... 355, 356
Blake's Intra-Uterine Stem ... 291
Snare ... 150
Tuning Fork ... 135
Bleeding Basins ... 500
Lancets ... 53
Blood Catheters ... 189
Blowpipes ... 360
Bloxam's Drop Bottle ... 405
Blunt Hook Retractors ... 23, 25
Hooks, Midwifery ... 226
Bones ... 366, 367
Bone Drainage Tubes ... 524
Drill ... 31
Forceps ... 29, 30
Spatulas ... 513
Scrapers or Scoops ... 28
Suppository Tubes ... 326
Suture Pegs ... 33
Boots, Cork ... 451
For Amputations of Foot ... 466
Boracic Lint and Wool ... 519
Botanical Instruments ... 371
Bottles, Chloroform Drop ... 405
Drop ... 500, 501
Hot Water ... 490
Vaccine ... 58
Bougies, Œsophagus ... 112
Medicated ... 184
Nasal ... 139
Rectum ... 317
Urethra ... 182–184
Bougie Cases ... 186
Boulton's Intra-Uterine Stems ... 291
Bowel Resection Forceps ... 330
Scissors ... 360
Bowkett's Thermograph ... 420
Bowman's Canaliculus Dilator ... 165
Eye Douche ... 156
Eyelid Retractor ... 171
Eye Suture Needle ... 165
Punctum Knife ... 162
Probes ... 170
Spoons ... 175
Stop Needle ... 165

PAGE

Bowman's Strabismus Hook ... 162
,, Scissors ... 173
Suction Instrument ... 176
Suture Needle ... 165
Vaporizer ... 96
Boxes for Amputation Knives ... 6
for Bistouries ... 20
for Eye Instruments ... 155
for Scalpels, etc. ... 20
Box Splints ... 445
Boxwood Pessaries ... 294
Boyd's Lithotomy Knife ... 204
,, Staff ... 205
Bozemann's Uterine Catheter ... 249
Uterine Scissors ... 266, 267
Vaginal Specula ... 279
Braces, Chest Expanding ... 450, 451
Brailey's Ophthalmoscope ... 167
Brain Knives ... 362
Braithwaite's Midwifery Forceps ... 236
Brandis' Throat Forceps ... 70
Brass Ear Syringes ... 115, 116
Enemas ... 330
Wound Syringes ... 526
Braun's Nitric Acid Probes ... 248
Uterine Syringe ... 248
Braxton Hick's Blunt Hook ... 226
Cephalotribe ... 228
Ecraseurs ... 256
Midwifery Forceps ... 236
Pessaries ... 294
Transfusion Apparatus ... 244
Breast Knives ... 20
Pumps ... 502
Relievers ... 502
Brewer's Vaginal Speculum ... 280
Brindley James' Inhaling Respirators ... 102, 103
Percusso-Punctator ... 421
Pneumatikon ... 102
Bristle Probangs ... 115
Broach, Cleft Palate ... 59
Brodie's Catheters ... 179, 189
Fistula Directors ... 321
Bronchitis Kettles ... 93–96
Brooks' Cleft Palate Needle ... 64
Brown's (Gardiner) Aural Reflector ... 130
Ear Hook ... 123
,, Trough ... 119
Politzerisation Apparatus ... 127
Tuning Fork ... 135
Brown's (Lennox) Cautery Battery ... 378
Laryngoscope ... 77
Nasal Speculum ... 152
Politzerisation Apparatus ... 128
Post-Nasal Scraper ... 143
,, Syringes ... 140, 141
Browne's (Buckston) Bladder Siphon ... 179
Catheter Walking Stick ... 192
Lithotomy Tampon ... 209
Brudenel Carter's Dials ... 156
Brun's Cautery Battery ... 378
Brunton's Auriscope ... 132
Brushes, Camel Hair ... 502, 503

PAGE

Brushes, Glass for Acid ..... 504
Throat ..... 68, 69
Trephine ..... 38
Bryant's Abscess Knife ..... 50
Catheters ..... 189
Colotomy Plug ..... 330
Douche for Wounds ..... 526
Dressing Forceps ..... 47
Elbow Splints ..... 441
Female Urethra Dilators ..... 195
Fistula Forks ..... 273
Hip Splints ..... 445
Leg Splints ..... 445
Nasal Insufflators ..... 147
Needles ..... 275
Ovariotomy Trocar ..... 314
Pile Forceps ..... 322
Pocket Case ..... 41
Raspatory ..... 36
Rectum Specula ..... 327, 328
Sinus Scissors ..... 49
Snare ..... 150
Talipes Splints ..... 460
Throat Forceps ..... 71
Torsion Forceps ..... 8
Tracheotomy Canulas ..... 86
Buchanan's Staff ..... 205
Buck's Mastoid Drills ..... 126
Buckston Browne's Bladder Siphon 179
Catheter Walking Stick ..... 192
Lithotomy Tampon ..... 209
Budin's Uterine Catheter ..... 249
Bull Dog Artery Forceps ..... 8
Bullet Extractors ..... 10
Forceps ..... 10, 11
Probes ..... 11
Scoops ..... 11
Bulley's Leg Splint ..... 445
Bunion Springs ..... 450
Bunsen's Cautery Battery ..... 378
Burney Yeo's Inhaling Respirator ... 102
Burrough's Hypodermic Tabloids ... 353
Inhaler ..... 100
Burrows' Stethoscope ..... 412, 413
Busk's Leg Splint ..... 445
Butcher's Saw ..... 7
Butler Smythe's Battery ..... 384
Buttle's Scarifying Knife ..... 265
Buttons, Suture ..... 11


## C.


Cabinets, Drug ..... 367
Cadge's Evacuation Apparatus ..... 211
Calico Bandages ..... 520, 521
Calvert's Carbolic Soap ..... 226
Camel Hair Brushes ..... 502, 503
Cameron's Midwifery Forceps ..... 236
Canaliculus Directors ..... 156
Knives ..... 162
Probes ..... 170, 171
Canulas, Tracheotomy ..... 86–89
Capsular Eye Instruments ..... 165
Carbolic Dressings ..... 519

PAGE

Carbolic Soap ..... 226
Spray Producers ..... 495–497
Cardiograph ..... 407
Carpenter's Lamps ..... 73
Carr's Radius Splints ..... 443
Carte's Tourniquet ..... 15
Carter's Demonstration Ophthalmoscope ..... 167
Cartilage Knives ..... 362
Carver's Prepuce Dilator ..... 197
Case Sheets ..... 408
Cases, Midwifery ..... 225
Cases for Bougies ..... 186
for Catheters ..... 192
for Ear Specula ..... 134
for Evacuation Apparatus ... 216
for Ruptured Perineum Needles 240
Cataract Knives ..... 162, 163
Cathcart's Microtomes ..... 372
Catgut Bougies ..... 182
Cases ..... 55
Guides ..... 186
Ligatures ..... 11
Catheter Gauges ..... 186
Holders ..... 192
Plugs ..... 192
Cases ..... 178, 179
,, Empty ..... 192
Catheters, Caustic ..... 192
Double Channel ..... 181
Eustachian ..... 119, 120
Female ..... 227
Male ..... 186–189
For Washing out Bladder ... 179–181
For Washing out Uterus ..... 249
Pocket Case ..... 44
Sims' Sigmoid ..... 227
Walking Stick ..... 192
Catlins ..... 6
Post Mortem ..... 363
Catti's Naso-pharyngeal Forceps ... 142
Caustic Cases ..... 44–46
Ophthalmic ..... 155
Catheters ..... 192
Holders, Uterine ..... 250
Potass Forceps ..... 256
Points ..... 46
Wires, Throat ..... 69
Cauteries, Actual ..... 318, 319
Electric ..... 378, 390–392, 395, 396
Lachrymal ..... 155
Nævus ..... 29, 307
Paquelin's ..... 305–308
Cautery Batteries ..... 378, 395, 399
Irons, Rectum ..... 318, 319
Wordsworth's ..... 29
Celluloid Caustic Cases ..... 44
Female Catheters ..... 227
Inhaling Respirators ..... 101, 103
Pessaries ..... 297, 298
Stethoscopes ..... 413, 414, 415
Cephalotribes ..... 228
Cervix Dilators ..... 261–263
Chain Hooks ..... 361

PAGE

Chain Saw ..... 37
Chairs, Wheel ..... 518
Chalk's Drop Bottles ..... 500
Chambers' Guarded Tenaculum ..... 263
Intra-Uterine Stem ..... 291
Channels, Ear ..... 117, 118
Chapman's Hot Water and Ice Bags ..... 493, 494
Charts for recording Diagnoses 407, 408
Galvanic ..... 392
Sick Room ..... 504
Temperature ..... 420
Chassaignac's Drainage Tubes ..... 524
Ecraseurs ..... 255
Chatelaines ..... 53
Chesterman's Measures ..... 409
Chest Expanders ..... 450, 451
Cheyne's Cylinders, Urethral ..... 186
Chisels, Cleft Palate ..... 59
Necrosis ..... 30
Neurectomy ..... 25
Osteotomy ..... 30
Post Mortem ..... 361
Chloride of Ammonium Inhaler 100, 101
Chloroform Inhalers ..... 400–404
Cholera Belts ..... 469
Churchill's Craniotomy Forceps ..... 229
Midwifery Forceps ..... 236
Cots, Children's ..... 518
Cilia Forceps ..... 158
Circumcision Clamp ..... 197
Civiale's Lithotrite ..... 219
Urethrotome ..... 199
Clamps, Circumcision ..... 197
Colectomy ..... 330
Hare Lip ..... 67
Knee ..... 452
Omental ..... 310
Pedicle ..... 308–310
Pile ..... 319, 320
Clarke's Midwifery Forceps ..... 236
Spray ..... 105
Clavicle Bandages ..... 433
Clay's Insufflator ..... 250, 251
Cleft-palate Instruments ..... 59–68
Clendon's Elevators ..... 342
Tooth Forceps ..... 342
Cline's Arm Splints ..... 438
Leg Splints ..... 445, 446
Thigh Splints ..... 446
Clinical Thermometers ..... 418, 419
Thermometer Charts ..... 420
Clips, Drainage Tube ..... 513
Stethoscope ..... 415
Clover's Crutch ..... 208
Disc Clamp ..... 197
Ether Inhaler ..... 400
Evacuation Apparatus ..... 211
Suture Forceps ..... 48
Clutton's Bladder Sounds ..... 222
Dilating Sounds, Urethral ..... 182
Pocket Case ..... 39
Cocaine Sprays ..... 405
Cock's Bladder Trocar ..... 355

PAGE

Cock's Director ..... 197
Exploring Trocars ..... 358
Knife ..... 196
Suspenders ..... 473, 474
Codman's Spray Inhaler ..... 109
Coghill's Inhaler ..... 101
Pessaries ..... 294
Colectomy Clamps ..... 330
Coles' Trusses ..... 478
Collins' Bladder Siphon ..... 179–181
Gag ..... 60
Transfusion Apparatus ..... 244
Colotomy Instruments ..... 330
Plugs ..... 330
Urinals ..... 483
Compresses, Hydropathic ..... 470
Compressorium Forceps ..... 310
Conquest's Craniotomy Forceps ..... 229
Conversation Tubes ..... 136
Constant Current Batteries ..... 378–384
Cooper's Cataract Knife ..... 162
Sliding Hooks ..... 23
Urethral Extractor ..... 216
Cooper Rose's Epistaxis Plug ..... 142
Vaccinator ..... 56
Cork Boots ..... 451, 466
Cornets, Hearing ..... 137
Coronets, Skull ..... 365
Corpulency Belts ..... 468–470
Corrigan's Cautery ..... 318
Cosgrave's Case Sheets ..... 408
Cotton Net Bandage ..... 521
Cotton Wools ..... 526
Cotton Wool Probe, Uterine ..... 251
Couchaide, Diver's ..... 504
Couches, Invalid ..... 518
Coudeé Catheters ..... 189
Couper's Ophthalmoscope ..... 167
Cowell's Strabismus Hook ..... 162
Cradles, Bed ..... 434–436
Craniotomy Forceps ..... 229–231
Cream Tubes ..... 508
Crimean Splints ..... 438
Critchett's Canaliculus Director ..... 156
Eyelid Retractor ..... 172
Spoons ..... 175
Croft's Gag ..... 60
Ruptured Perineum Needle ..... 239
Crotchet Hooks, Fistula ..... 273
Crotchets, Midwifery ..... 231
Crutches ..... 466, 467
Crutch, Clover's ..... 208
Cupping Instruments ..... 373–375
Glasses ..... 373, 374
Lamps ..... 374
Cups, Invalid Feeding ..... 507
Curettes, Eye ..... 156
Uterine ..... 251, 252
Curling's Rectum Speculum ..... 327
Vulsellum ..... 261
Cusco's Vaginal Speculum ..... 280
Cushions, Air ..... 487, 488
Water ..... 490
Cutter's Pessaries ..... 295, 296

PAGE

Cyrtometers ..... 407
Cyst Forceps ..... 311
Cystoscopes ..... 397
Cystotomes ..... 156
Cystotomy Knife ..... 209

## D.

Dalby's Post-Nasal Scraper ..... 142
Daniellson's Diagrams ..... 407, 408
Temperature Charts ..... 420
Davies-Colley's Talipes Splint ..... 460
Davis' Craniotomy Forceps ..... 229
Guarded Crotchet ..... 231
Osteotomist ..... 240
Vaginal Specula ..... 282
Davy's Lever ..... 15
Talipes Shoe ..... 460
Dawson's Caustic Catheter ..... 192
Decalcified Bone Drainage Tubes ... 524
Decapitators ..... 231
Deformity Instruments and Appliances ..... 450–462
Denman's Midwifery Forceps ..... 236
Perforator ..... 242
Dental Instruments ..... 341–347
Mirrors ..... 347
Syringes ..... 347
Dentists' Floss Silk ..... 347
Depilatory Forceps ..... 158
Desmarre's Entropium Forceps ..... 160
Eyelid Retractor ..... 172
Secondary Knife ..... 163
Dessault's Splints ..... 447
Dewar's Spray ..... 105
De Wecker's Iris Scissors ..... 173
Ophthalmoscope ..... 167
Diagnostic Instruments ..... 407–421
Stricture Sounds ..... 199
Diagrams, Daniellson's ..... 407, 408
Dials for Testing Astigmatism ..... 156
Dieffenbach's Artery Forceps ..... 8
Dieulafoy's Aspirator ..... 348, 349
Dilators, Cervix ..... 261, 263
Female Urethra ..... 195
for Vaginismus ..... 252
Hydrostatic ..... 233, 234
Laryngeal ..... 76
Lawson Tait's ..... 234
Rectum ..... 321
Sinus ..... 19
Stricture ..... 182, 199
Tracheotomy ..... 90–92
Vaginismus ..... 252
Directors ..... 20, 46, 47
Canaliculus ..... 156
Fistula ..... 321
Hernia ..... 22
Resection ..... 31
Disarticulated Skeletons & Skulls 366, 367
Discs, Hypodermic, Savory & Moore's 353
Ophthalmic ,, ,, ... 156
Dislocation Apparatus ..... 432–434
Dispensing Scales ..... 512

PAGE

Dissection Instruments ..... 367, 368
Forceps, ..... 47, 48
Dissector, Durham's ..... 20
Diver's Couchaide ..... 504
Dixon's Cataract Knife ..... 162
Dobell's Stethoscope ..... 413
Domette Bandages ..... 521
Double Channel Catheters ..... 181
Douches, Bladder ..... 179–181
Ear ..... 116
Eye ..... 156–158
Nose ..... 139–141
Rectum ..... 338, 339
Vagina ..... 338, 339
Wound ..... 526
Drainage Tubes ..... 524
Empyema ..... 21
Ovariotomy ..... 312
Supra-Pubic ..... 209, 210
Drainage Tube Clips ..... 513
,, Probes ..... 524
Dressings, Antiseptic ..... 519, 520
Dressing Forceps ..... 47, 48
Scissors ..... 48, 49
Trays ..... 505–507
Drills, Bone ..... 31
Mastoid ..... 126
Drop Bottles ..... 500, 501
Chloroform ..... 405
Eye ..... 501
Drop Counters, Laryngeal ..... 69
Drop Tubes ..... 501
Druitt's Tooth Forceps ..... 342
Drums for Testing Eye Instruments 158
Dudgeon's Sphygmograph ..... 411
Duffin's Stem Pessary ..... 296
Duke's Egg-whisk Curette ..... 252
Sponge-holding Forceps ..... 258
Midwifery Tractors ..... 243
Duncan's (Matthews) Cervix Dilators 262
Stem Pessary ..... 300
Uterine Sound ..... 270
(W. A.) Uterine Tube ..... 249
Duplay's Ear Forceps ..... 120
Nose Speculum ..... 152
Dupuytren's Enterotome ..... 330
Lithotome ..... 205
Splint ..... 446
Durham's Fine Dissector ..... 20
Fistula Forceps ..... 273
Hare-Lip Forceps ..... 67
Needle Holder ..... 276
Œsophagus Bougies ..... 112
Perineal Section Knife ..... 196
Raspatory ..... 36
Rectal Dilator ..... 321
Rectum Speculum ..... 327
Retractors ..... 25
Scrapers ..... 28
Silk Plaster ..... 525
Throat Forceps ..... 71
Trachea Forceps ..... 92
Tracheotomy Canulas ..... 86
Urethra Forceps ..... 217

PAGE
Durham's Urethra Syringe ..... 337
Urethrotome ..... 199
Dynamometers ..... 408

## E.

Ear Instruments ..... 115–135
Channels ..... 117–119
Cornets ..... 137
Curettes ..... 125
Drills ..... 126
Douches ..... 115–119
Forceps ..... 120–123
Hooks ..... 123, 124
Insufflators ..... 126
Knives ..... 125, 126
Pads for Projecting Ears ..... 451
Probes ..... 123, 124, 128, 129
Reflectors ..... 129–131
Scissors ..... 129
Scoops ..... 46, 124
Siphons ..... 116
Snares ..... 149–151
Specula ..... 129–134
Trumpets ..... 137–139
Earle's Pelvimeter ..... 242
Earthenware Bed-pans ..... 498, 499
Dressing Trays ..... 505–507
Inhalers ..... 98, 99
Urinals ..... 515, 516
Eastes' Tongue Depressor ..... 81
Eclectic Inhaler ..... 98
Ecraseurs ..... 255, 256
Laryngeal ..... 69
Edelmann's Galvanometer ..... 393
Eguisier's Irrigateurs ..... 332
Elastic Bandage ..... 521
Belts ..... 468–471
Ligature Instrument, Allingham's 317
Stockings, etc. ..... 472, 473
Elastic Gum Bougies ..... 182
Catheters ..... 186–189
Œsophagus Bougies and Tubes 112
Pessaries ..... 296
Rectum Bougies ..... 317
Elbow Splints ..... 441, 442
Elder's Hæmostatic Forceps ..... 312
Hysterectomy Clamp ..... 308
Electric Bells for Invalids ..... 507
Cauteries ..... 378, 390, 392, 395, 396
Light Apparatus ..... 395–399
Electrodes ..... 375, 376, 390–395
Electrolysis Needles ..... 392, 393
Electrolytic Caustic ..... 393
Electro-Magnetic Machines ..... 390
Electro-Magnetic and Galvanic Batteries and Apparatus ..... 375–399
Elevators, Periosteal ..... 36, 64
Skull ..... 32
Tooth ..... 342
Uterine ..... 271
Ellis's Clavicle Apparatus ..... 433
Embryotomy Scissors ..... 232
Emmet's Instruments ..... 253
PAGE
Emmet's Needle Holder ..... 276
Tenaculum ..... 263
Empyema Tubes ..... 21
Endoscopes ..... 397–399
Enemas ..... 330–340
Enterectomy Instruments ..... 330
Enterotome, Dupuytren's ..... 330
Entomological Instruments ..... 371
Entropium Forceps ..... 160
Enucleators, Sims' ..... 266
Eperle's Toe-Nail Scissors ..... 38
Epiglottis Knife ..... 80
Epilation Forceps ..... 158
Epistaxis Instruments ..... 44, 141, 142
Erichsen's Bladder Sounds ..... 222
Caustic Catheter ..... 192
Scoop ..... 205
Tonsil Scissors ..... 83
Sound ..... 222
Esbach's Albumimetre ..... 428
Esmarc's Tourniquet ..... 15
Triangular Bandages ..... 521
Ether, Anæsthetic ..... 406
Inhalers ..... 399–403
Sprays ..... 406
Eucalyptus Dressings ..... 519
Eustachian Catheters ..... 119, 120
Spray ..... 105
Evacuation Apparatus for Lithotrity 212–216
Evisceration Globes ..... 177
Ewen's Guillotine ..... 73
Excavators, Dental ..... 342
Excision Scissors ..... 173
Splints, Elbow ..... 441, 442
,, Hip ..... 445
,, Knee ..... 447, 448
Exploring Needles ..... 49
Syringes ..... 351
Trocars ..... 356–358
Extension Apparatus ..... 450
Extractors, Bullet ..... 10
Urethral ..... 216, 217
Eyes, Artificial ..... 464
Eye Instruments ..... 154–177
Bandages ..... 155
Baths ..... 507
Douches and Syringes ..... 156–158
Drop Bottles and Tubes ..... 500, 501
Ice Bags ..... 493
Instrument Boxes ..... 155
,, for foreign bodies ..... 50
Shades ..... 175
Suture Needles ..... 14
Eyelid Retractors ..... 171–173

## F.

Fæcal Urinals ..... 483
False Membrane Forceps ..... 93
Fancourt Barnes' Cephalotribe ..... 228
Feeding Cups ..... 507
Feet, Artificial ..... 464–466
Female Bladder Sounds ..... 222
Catheters ..... 227

PAGE

Female Pelvis ..... 367
Urethra Dilators ..... 195
,, Specula ..... 195
Urinals ..... 484, 515
Fenestrated Artery Forceps ..... 8
Fergusson's Bone Forceps ..... 29, 30
Cleft Palate Instruments ..... 59–66
Gag ..... 60
Hemp Cord ..... 12
Knee Splint ..... 447
Lion Forceps ..... 33
Lithotomy Knife ..... 204
,, Scoops ..... 205
Pile Scissors ..... 324
Rectum Specula ..... 327
Saw ..... 7
Staff ..... 205
Stethoscopes ..... 413
Urethral Extractor ..... 217
Urethra Forceps ..... 217
Vaginal Specula ..... 281–282
Field's Artificial Tympanum ..... 135
Field Tourniquets ..... 15
Fillets ..... 232
Fingers, Artificial ..... 464
Finger Contraction Appliances ..... 451
Guards ..... 70
Knives ..... 20, 50–52
Saws ..... 7, 26
Splints ..... 444
Stalls ..... 524
Fisher's Arm Splints ..... 438, 439
Leg Splints ..... 454
Fistula Directors ..... 321
Instruments ..... 273–277
Needles ..... 14
Scissors ..... 324
Urinals ..... 483
Fitch's Ovariotomy Trocars ..... 314
Fixation Forceps ..... 160
Hooks ..... 162
Flannel Bandages ..... 521
Flat Foot Appliances ..... 452
Foot Slings ..... 434
Warmers ..... 502
Forceps, Artery ..... 8–10
Bladder ..... 194
Bone ..... 29, 30
Bullet ..... 10–11
Cilia ..... 158
Cleft Palate ..... 59, 60
Craniotomy ..... 229–231
Cyst ..... 311
Depilatory ..... 158
Dissection ..... 47, 48
Dressing ..... 47, 48
Ear ..... 120–123
Entomological ..... 371
Entropium ..... 160
Eye ..... 158–161
For Finger Dislocations ..... 444
Fistula ..... 273
Fixation ..... 160
Gouge ..... 32, 33

PAGE

Forceps, Hare Lip ..... 67
Iris ..... 161
Kidney ..... 202
Laryngeal ..... 70–72
Lion ..... 33, 34
Lithotomy ..... 203–204
Masslowski's ..... 312
Midwifery ..... 234–238
Nasal ..... 142–146
Nasal-Septum ..... 145, 146
Naso-Pharyngeal ..... 142, 143
Necrosis ..... 34
Needle-holding ..... 275–277
Omentum ..... 310
Onychia ..... 34
Ovum ..... 240–242
Pedicle ..... 310
Phymosis ..... 199
Pile ..... 322, 323
Pin Cutting ..... 68
Placenta ..... 241, 242
Polypus ..... 144, 145
Rectus ..... 161
Resection of Bowel, Makins' ..... 330
Sequestrum ..... 34
Sinus, Dilating, Bigelow's ..... 19
,, Lister's ..... 47
Skull ..... 38
Speculum ..... 256–258
Splinter ..... 48
Suture ..... 48
Throat ..... 70–72
Toe Nail ..... 38
Tongue ..... 406
Tooth ..... 342–345
Torsion ..... 8
Trachea ..... 91–93
Tumour ..... 258
Urethra ..... 217
Uterine ..... 256–258
Uvula ..... 83
Vulsellum ..... 258–261
Foulis' Tourniquet ..... 15
Fowler's Pessary ..... 296
Fox's Ophthalmoscope ..... 167
Fox's Tooth Keys ..... 346
Fracture Apparatus ..... 434–450
Frames, Bed ..... 434–436
Frankel's Nose Speculum ..... 152
Rhinoscope ..... 148
Frænum Scissors ..... 232
Fulcrums for Wire Twisting ..... 277
Fuller's Tracheotomy Canulas ..... 87
Funis Instrument ..... 232
Funnels ..... 507


## G.


Gags, Mouth ..... 60–62
Gaiffe's Battery ..... 385
Galvanometers ..... 376
Rheostat ..... 376
Galabin's Bougie for inducing Premature Labour ..... 234

PAGE
Galabin's Cardiograph ..... 476
Cervix Dilators ..... 261
Ecraseur ..... 255
Midwifery Forceps..... 235, 236
Ovum Forceps ... ..... 240
Pessaries ..... 296
Tenaculum Forceps ..... 264
Transfusion Apparatus ..... 245
Uterine Sound ..... 270
Vagina Specula ..... 282, 288
Vulsellum Forceps ..... 264
Galekowski's Needle Holder..... 53
Galvanic Batteries and Apparatus 375–399
Cauteries..... 378, 390–392, 395, 396
Intra-Uterine Stems ..... 291
Galvanometers .....376, 393
Gamgee's Millboard ..... 449
Sponges..... 519
Tissue ..... 526
Gardiner Brown's Aural Mirror ..... 130
Ear Hook ..... 123
Politzerisation Apparatus ..... 127
Trough for Ear Syringing..... 119
Tuning Fork ..... 135
Gas Brackets ..... 75, 76, 164, 165
Gastrostomy Instruments ..... 330
Gauges, Catheter ..... 186
Gauze, Carbolic, etc..... 519, 520
Bandages ..... 521
Gentlemen's Belts ..... 469, 470
Gerard Teuton's Lachrymotome ..... 164
Gervis's Cervix Dilators..... 262
Craniotomy Forceps ..... 229
Curette ..... 251
Loop Retractor ..... 265
Ovum Forceps..... 240
Pessaries ..... 297
Probes ..... 265
Transfusion Apparatus ..... 245
Uterine Scraper ..... 251
Wire Loop Retractor..... 265
Gibbs' Laryngeal Syringe ..... 80
Glass Brushes ..... 504
Drainage Tubes ..... 312
Funnels..... ..... 507
Measures ..... 508–510
Rectum and Vaginal Tubes ..... 340
Specula ..... 281
Syringes ..... 333
Urinals ..... 515, 516
Glauert's Battery..... 383
Globes, Evisceration ..... 177
Gloves, Post-Mortem..... 361
Glycerine Syringes ..... 336
Godfrey's Inhaler ..... 101
Godson's Cervix Dilators ..... 262
Craniotomy Forceps ..... 229
Pessary ..... 297
Tent Introducer ..... 272
Tumour Forceps..... 258
Golding-Bird's Anæsthetic Inhaler ... 400
Electrolytic Caustic..... 393
Evacuation Apparatus ..... 211
Flat Foot Apparatus ..... 452

PAGE
Golding - Bird's Naso - Pharyngeal Scraper ..... 142
Pocket Case..... 40
Sayre's Apparatus ..... 456
Snare ..... 150
Sprays ..... 495
Stethoscope ..... 414
Tracheotomy Dilator ..... 90
Urethra Syringes..... 338
Gonorrhœa Bags..... 475
Gooch's Canulas ..... 255
Splinting ..... 449
Goodhart's Empyema Tubes ..... 21
Gordon's Radius Splints ..... 443
Gorgets, Lithotomy ..... 204
Teale's ..... 197
Thompson's..... 194
Gouge Forceps ..... 32, 33
Gouges, Necrosis ..... 32
Gowan's Bandage Saw ..... 523
Ear Loop ..... 123
Gag ..... 61
Osteotome ..... 35
Retractors..... 35
Stethoscope ..... 418
Gower's Ophthalmoscope ..... 167, 168
Gowlland's Fistula Director ..... 327
Pile Clamp ..... 319
Rectum Douche ..... 338
,, Speculum ..... 328
Graduated Glass Measures ..... 508–510
Trial Glasses ..... 431
Graefe's Cataract Knife..... 162
Eye Douche ..... 157
Fixation Forceps..... 160
Graily Hewitt's Intra-Uterine Stem... 291
Midwifery Forceps ..... 237
Pessaries ..... ... 298
Greenhalgh's Intra-Uterine Stems ... 291
Metrotome ..... 265
Midwifery Forceps ..... 236
Perforator..... 242
Pessaries ..... 297
Gross's Trachea Forceps ..... 92
Gruber's Ear Knife ..... 125
Ear Specula ..... 132
Guillotines .....72, 73
Gum Lancets ..... 346
Gun-shot Probes..... 11
Guthrie's Director ..... 156
Gutsch's Mouth Specula ..... 80
Gutta Percha Splinting ..... 449
Tissue ..... 519
Urinals..... 515, 516
Gynæcological Instruments..... 246–289
Bags ..... 246

## H.

Hæmorrhoidal Instruments..... 317, 326
Clamps..... 319, 320
Forceps ..... 322, 323
Hagedorn's Needles ..... 14
Needle Holders ..... 276

PAGE
Hainsby's Hare-Lip Truss ..... 68
Hale-White's Drug Cabinet ..... 367
Tracheotome ..... 92
Hall Davis's Craniotomy Forceps ... 229
Vaginal Specula ..... 282
Hammers ..... 362
Ham Splints ..... 447
Hands, Artificial ..... 464
Hand Lamps ..... 409
Splints ..... 444
Hare-Lip Instruments.....67, 68
Clamps and Forceps ..... 67
Pins ..... 14, 67
Scissors ..... 68
Hare's Stethoscope..... 415
Hartmann's Ear Probes ..... 128
Knives for Ear..... 125
Tubes for Ear ..... 116
Hawkins' Hand Splints ..... 444
Hayes' Hernia Bistoury ..... 21
Hearing Instruments ..... 136–139
Heath's Elbow Splints ..... 441
Hegar's Cervix Dilators ..... 262
Henriette's Eyelid Retractor ..... 173
Hernia Instruments ..... 17–29
Bistouries ..... 21
Directors ..... 22
Director and Aneurism Needle... 46
Needles..... 22
Hewitt's Intra-Uterine Stem..... 291
Midwifery Forceps ..... 237
Pessaries ..... 298
Vaginal Speculum ..... 282
Hey's Saws ..... 38
Heywood Smith's Cervix Dilators ... 262
Ecraseurs ..... 255
Ovum Forceps..... 241
Tumour Forceps..... 258
Uterine Scissors ..... 269
Uterine Sound..... 270
Vaginal Specula ..... 289
Hicks' (Braxton) Cephalotribe..... 228
Ecraseurs ..... 256
Midwifery Forceps ..... 236
Ovum Forceps..... 240
Pessaries ..... 294
Transfusion Apparatus ..... 244
Higginson's Enemas ..... 331
High Boots ..... 451
Hill's(Berkeley)Evacuation Apparatus 211
Urethrotome ..... 199
Hilliard's Vaccinator ..... 57
Hilton's Rectum Specula ..... 328
Snare..... 150
Tracheotomy Canulas ..... 87
Hinton's Myringotome ..... 125
Hip Splints ..... 445
Hodgen's Suspension Splint..... 447
Hodge's Pessaries ..... 298
Hœmostatic Forceps..... 8, 312, 313
Hoffman's Gouge Forceps ..... 32, 33
Hollis's Tongue Depressor ..... 81
Holmes' Craniotomy Forceps ..... 229
Perforator..... 242

PAGE
Holmgren's Wools ..... 177
Holt's (Barnard) Stricture Dilators ... 199
,, Winged Catheters 189
(R.C.) Talipes Splint ..... 460
Honeycomb Sponges..... 526
Hooks, Blunt, to use as Retractors... 23
Chain ..... 361
Cleft Palate ..... 62
Fistula ..... 273
Fixation ..... 162
Iris, etc. ..... 162
Midwifery ..... 226
Peritoneum ..... 314
Pile ..... 323
Sharp..... 23
Spine..... 243
Strabismus ..... 162
Tracheotomy ..... 92
Horsehair..... 12
Hospital Beds ..... 516–518
Screens ..... 513
Hot-Air Baths ..... 96, 97
Water Bags..... 490
,, ,, Spinal ..... 494
Hovell's Naso-Pharyngeal Forceps... 143
Howse's Excision Splint ..... 447
Tracheotomy Canulas ..... 88
Huggett's Hypodermic Solutions ... 353
Hughes' Stethoscope ..... 415
Hulke's Eye Suture Needle ..... 165
Hull's Uterus Truss ..... 481
Humerus Splints..... 442, 443
Hunter Mackenzie's Inhaling Respirator ..... 103
Nasal Saw..... 149
Hurd's Pessary ..... 298
Husband's Vaccine Tubes ..... 58
Hutchinson's Catheter Plug ..... 192
Clamp ..... 308
Gag ..... 61
Spirometer ..... 412
Hydrocele Trocars ..... 357
Hydropathic Compressors..... 470
Hydrostatic Dilators .....232, 238
Hypodermic Discs ..... 353
Solutions ..... 353
Syringes ..... 351, 353
Tabloids ..... 353
Hysterectomy Instruments ... .. 304–316
Clamps..... 308, 309

I.

Ice Bags ..... 492–494
Immisch's "Watch" Clinical Thermometer ..... 419
Imray's Ear Scoop..... 123
India-rubber Bandages ..... 521
Catheters ..... 189
Drainage Tubes ..... 524
Ear Syringes ..... 117
Enemas ..... 330–333
Empyema Tubes..... 21
Finger Stalls..... 524
Gloves ..... 361

PAGE

India-rubber Hot Water Bottles ..... 490
Ice Bags ..... 492–494
Œsophagus Tubes ..... 112
Pessaries..... ..... 298, 299
Sheeting ..... 491
Stamps ..... 408
Tracheotomy Tubes ..... 89
Urethra Syringes..... 337, 338
Urinals..... 483–487, 515
Web Bandages ..... 521
Induced Current Batteries ..... 383–388
Inglis's Midwifery Forceps ..... 237
Ingram's Enemas ..... 331
Inflating Pessaries ..... 299
Inhalers ..... 98–104
Anæsthetic ..... 399–406
Antiseptic ..... 101, 103
Steam ..... 109, 110
Inhaling Respirators ..... 101–103
Injection Syringes ..... 330–338
Instruments for inducing Premature Labour ..... 234
Insufflators ..... 507, 508
Ear..... 126
Lund's Rectal ..... 330
Throat ..... 73, 74
Urethra..... 196
Uterine ..... 250, 251
Intra-Uterine Stems ..... 290–293
Syringes..... 249
Intubation Instruments ..... 90
Invalid Appliances ..... 498–518
Couches..... 518
Feeding Cups ..... 507
Spring Beds ..... 516–518
Iodine Inhalers ..... 98
Iodoform Dredges ..... 507
Dressings ..... 519
Insufflators ..... 507, 508
Puffs ..... 507, 508
Iridectomy Knives ..... 164
Iris Forceps ..... 161
Knives ..... 164
Needles ..... 165
Scissors ..... 173
Iron Wire..... 12
Irrigateurs, Eguisier's..... 332
Irrigators, Wound ..... 526
Ivory Suture Quills..... 240


## J.


Jackson's Vaginal Speculum..... 283
Jacob's Solution Needles ..... 165
Jaconet ..... 491
Jacobson's Elbow Splints ..... 441
Hare-Lip Knife ..... 68
Lithotomy Forceps..... 209
Pocket Case ..... 41
Scrapers ..... 28
Jaeger's Iridectomy Knife ..... 164
Test Types ..... 176
James's (Brindley) Inhaling Respirators..... 102, 103

PAGE

James's (Brindley) Percusso-Punctator 421
Pneumatikon ..... 102
Jaw Saws ..... 37
Splints ..... 65, 66
Jeffrey's Respirators ..... 104
Johnson's Apparatus for Estimating amount of Sugar in Urine..... 426
Jones's (Sydney) Cyst Forceps ..... 311
Rectum Clamp..... 320
Junker's Inhaler ..... 400, 401
Jury Masts ..... 456


## K.


Kabierski's Insufflator ..... 73
Keall's Evisceration Globes ..... 177
Keene's Snare ..... 150
Vapour Box..... 127
Keith's Drainage Tubes ..... 312
Kennedy's Enemas..... 332
Keratoscopy Mirrors..... 169
Keratomes ..... 164
Kettles, Bronchitis..... 93–96
Keyhole Saw ..... 37
Key's Catheters ..... 189
Director ..... 22
Lithotomy Knife..... 204
,, Staff ..... 205
Keys, Tooth..... 346
Kidd's Cephalotribe ..... 228
Vulsellum..... 261
Kiessler's Mouth Mirrors ..... 347
Kidney Instruments ..... 202, 203
Kidney-shaped Dressing Trays 505–507
Knee Caps ..... 452, 472, 473
Knee Clamps or Trusses ..... 452
Knee Splints ..... 447
Knives, Abscess ..... 25, 26, 50, 52
Adams' Subcutaneous Osteotomy 33
Amputation ..... 6
Bone ..... 513
Brain ..... 362
Breast ..... 20
Canaliculus ..... 162
Cartilage ..... 362
Cataract ..... 162, 163
Cleft Palate ..... 62
Cock's ..... 20
Crystotomy ..... 209
Ear ..... 125, 126
Entomological..... 371
Finger ..... 20, 50–52
Fistula ..... 273, 274
Hare-Lip ..... 68
Iridectomy ..... 164
Kidney ..... 202
Lachrymal ..... 162
Lithotomy ..... 204, 205
Microscopic ..... 371
Minor Operation..... 19, 28
Paget's ..... 25
Palette ..... 513
Pill..... 513
Pocket ..... 50–52

PAGE
Knives, Punctum ..... 216
Resection ..... 33
Scarifying, Eyelid ..... 164
,, Uterine ..... 265
Secondary ..... 163
Section ..... 371
Sims' ..... 266
Tenotomy ..... 27, 28
Koeberlé's Serre-Nœud ..... 309
König's Tracheotomy Canulas ..... 88
Kramer's Ear Speculum ..... 132
Eustachian Catheters ..... 119
Küchenmeister's Scissors ..... 269

## L.

Lachrymal Cauteries ..... 155
Knives ..... 162
Probes ..... 170, 171
Styles ..... 175
Syringe ..... 158
Lachrymotomes ..... 164
Lactometers ..... 508
Ladies' Abdominal Belts ..... 468, 469
Stays ..... 470
Lallemand's Caustic Catheters ..... 192
Laminaria Tents ..... 272
Lamps, Cupping ..... 374
Laryngeal ..... 75, 76
Ophthalmic ..... 164, 165
Portable ..... 409
Spirit ..... 430
Lancets, Abscess ..... 52
Bleeding ..... 53
Gum ..... 346
Laryngeal ..... 76
Vaccination ..... 56, 57
Lancet Cases ..... 53
Landholt's Ophthalmoscope ..... 167
Lane's Dissecting Case ..... 367
Rectum Speculum ..... 328
Lang's Ophthalmoscope ..... 167
Langenbeck's Finger Guards ..... 70
Retractors ..... 25
Laryngeal Instruments ..... 68–84
Cauteries ..... 392
Lamps ..... 75, 76
Sprays ..... 105–110
Laryngoscopes ..... 77–79
Laryngotomy Canulas ..... 89
Lawrence's Cradle and Splints ..... 435
Lawson Tait's Artery Forceps ..... 9, 312
Dilators ..... 233
Ovariotomy Trocar ..... 316
Pedicle Clamp ..... 309
Rope Ecraseur ..... 309
Suction Syringe ..... 314
Tubes for Washing out ..... 304
Uterine Repositors ..... 303
Lazerovitch's Blunt Hook ..... 226
Lead Suture Buttons ..... 11
Lead Weight for Aneurism ..... 15
Leather Figure for Obstetric Demonstrations ..... 367

PAGE
Leather Foot Slings ..... 434
Knee Caps ..... 452
Shoulder Caps ..... 434
Sockets for Arm ..... 463
,, ,, Leg ..... 464–465
Splints ..... 454, 455
Lee's Canula ..... 234
Craniotomy Forceps ..... 230
Midwifery Forceps ..... 237
Vapour Bath ..... 96
Leclanché Batteries ..... 379, 380
Leeches Artificial ..... 375
Leech Cages, Uterine ..... 265
Legs, Artificial ..... 464–466
Pin ..... 464, 465
Leggings, Elastic ..... 472, 473
Le Gros Clark's Hernia Knife ..... 21
Leg Splints ..... 445–448
Leicester Plasters ..... 525
Leiter's Cystoscope, etc. ..... 397–399
Panelectroscope ..... 398
Temperature Regulators ... 494, 495
Lennox Brown's Cautery Battery ... 378
Laryngoscope ..... 77
Nose Speculum ..... 152
Politzerisation Apparatus ..... 128
Post-Nasal Curette ..... 143
Post-Nasal Syringes ..... 140, 141
Uvula Forceps ..... 83
Lenses, Pocket ..... 420
Lens Hooks ..... 162
Prickers ..... 162
Lenticulars ..... 33
Leroy D'Etoile's Urethal Extractor 217
Leslie's Plasters ..... 525, 526
Lever's Decapitator ..... 231
Vectis ..... 245
Liebreich's Canaliculus Knife ..... 162
Drop Bottles ..... 501
Eye Bandages ..... 155
Eyelid Retractor ..... 173
Iris Forceps ..... 161
Ophthalmoscope ..... 168
Probes ..... 170
Ligature Silks, etc. ..... 11, 12
Lined Splints ..... 440
Linen Bandages ..... 522
Lints ..... 525
Litmus Paper ..... 139
Lion Forceps ..... 33, 34
Lister's Dilating Sounds ..... 182
Ear Hook ..... 123
Sinus Forceps ..... 524
Scrapers ..... 28
Sprays ..... 496, 497
Tourniquet ..... 16
Liston's Amputation Knives ..... 6
Artery Forceps ..... 9
Bistouries ..... 20, 50–52
Bone Forceps ..... 30
Dilating Sounds ..... 184
Lithotomy Knife ..... 204
Nævus Needles ..... 24
Splints ..... 447, 448

PAGE
Lithotomy Instruments..... 203–211
Lithotome ..... 205
Lithotrity Instruments ..... 211–222
Sets ..... 211
Lithotrites ..... 218–220
Litmus ..... 429
Loane's Vaccinator..... 57
Locock's Pessary ..... 299
Lloyd Roberts' Ovum Forceps... 241, 242
Löwenberg's Naso-Pharyngeal Forceps ..... 143
Lowne's Spirometer ..... 412
Lownde's Vectis ..... 245
Lucae's Ear Siphon ..... 116
Lucas's Ear Speculum ..... 133
Kidney Instruments ..... 202, 203
Nose Speculum ..... 152
Pocket Case..... 39
Polypus Scissors..... 149
Trachea Forceps..... 92, 93
Luer's Eyelid Retractor..... 173
Luke's Cradle ..... 436
Lumley Earle's Pelvimeter ..... 242
Lunar Caustic Points ..... 46
Lund's Insufflator ..... 330
Lupus Scrapers ..... 28
Lymph, Vaccine ..... 58
Lyon's Stricture Dilator ..... 199

## M.

McClintock's Ovum Forceps ..... 242
MacCormac's Bladder Sound ..... 222
Excision Splint..... 448
MacEwen's Chisels ..... 30
Macintosh Sheeting ..... 491
Mackintosh's Stem Pessary ..... 299
McIntyre's Splints ..... 448
Mackenzie's (Hunter) Inhaling Respirator ..... 103
Nasal Saw..... 149
Mackenzie's (Morell) Battery ..... 386
Gas Bracket..... 75, 76
Guarded Wheel Ecraseur ..... 69
Guillotine ..... 73
Insufflator..... 74
Laryngeal Dilator ..... 76
Lancet ..... 76
Laryngoscope ..... 77
Nasal Bougies ..... 139
Punch Polypus Forceps..... 144
Throat Brushes ..... 68
Caustic Wires ..... 69
Throat Electrode ..... 395
,, Forceps ..... 72
Uvulatome ..... 83
Uvula Twitch ..... 83
Macnamara's Eyelid Retractor ..... 173
Macnaughton Jones' Ear Probes..... 129
Magnet for Eye ..... 165
Magneto-Electric Machines ..... 390
Mahomed's Microscopic Dissection Case ..... 371
Sphygmograph ..... 411
PAGE
Maissonneuve's Urethrotome ..... 199
Makin's Forceps for Resection of Bowel..... 330
Male Urethra Specula ..... 199
Urinals ..... 483–487, 516
Malgaigne's Hooks ..... 449
Mallets ..... 34
Manacles ..... 508
Manby's Lithotrite..... 219
Mannikin ..... 37
"Many-tailed" Bandages..... 522
Marine Lint ..... 519
Marshall's Osteotribe ..... 36
Resection Knives ..... 33
Martindale's Inhaler ..... 99
Martin's Funis Instruments ..... 232
Rubber Bandages ..... 522
Mason's Cleft Palate Forceps ..... 60
Dissection Forceps ..... 20
Elbow Splints ..... 441
Lithotomy Straps ..... 208
Necrosis Forceps..... 34
Masslowski's Forceps ..... 312
Mastoid Drills ..... 126
Materials for Splints ..... 449
Mather's Surgeon's Plaster ..... 526
Mathieu's Ear Forceps ..... 121
Speculum ..... 329
Matthews' Craniotomy Forceps ..... 230
Matthews Duncan's Cervix Dilators 262
Stem Pessary ..... 300
Uterine Sound..... 270
Vulsellum ..... 261
Mattresses, Air and Water ..... 489, 490
Maunder's Nasal Septum Instrument 146
Spray..... 106
Meadows' Ecraseurs ..... 256
Intra-Uterine Stem ..... 291, 292
Vaginal Specula ..... 283, 284
Mead's Plasters ..... 526
Measures, Glass ..... 508–510
Pocket Tape..... 409
Medicated Bougies..... 184
Suppositories ..... 326
Medicine Tumblers..... 510
Meibomian Cyst Scoops ..... 174
Mercier's Bladder Sounds..... 222
Mercurial Vapour Baths ..... 96
Metacarpal Saws..... 7
Metrotomes ..... 265
Meyer's Pessary ..... 300
Michel's Rhinoscope ..... 148
Microscopes..... 368–371
Microscopic Dissection Instruments 371
Slide Boxes ..... 371
Slides and Covers ..... 371
Syringe ..... 371
Microtomes ..... 372
Midwifery Instruments ..... 222–245
Bags and Pouches ..... 222–224
Cases, Pocket ..... 225
Forceps..... 234–238
Millboard Splinting ..... 449
Miller's Cocaine Spray ..... 405

PAGE
Millar's Tubular Air and Water Beds ..... 489, 490
Milne Murray's Midwifery Forceps... 237
Minor Operation Instruments ..... 17–29
Miot's Ear Speculum..... 133
Mirrors, Mouth ..... 347
Reflecting Ear..... 129–131
Mitigated Caustic Points ..... 46
Mittens Elastic ..... 473
Moc-Main Trusses ..... 478
Moon's Jaw Splint ..... 65
Tooth Elevator ..... 342
Morgan's Evacuation Apparatus..... 211
Midwifery Tractors..... 243
Suspenders ..... 476
Morrant Baker's Artery Forceps..... 9
Tracheotomy Tubes ..... 89
Morse's Ear Forceps ..... 121
Mortimer Granville's Sphygmograph 411
Moulded Leather Splints ... 454, 455
Poroplastic Splints ..... 455
Morel's Apparatus ..... 420
Mouth Instruments ..... 59–68
Gags ..... 60–62
Mirrors ..... 347
Needles..... 14
Specula ..... 80
Wedges..... 65
Mudge's Inhaler..... 99
Mugs, Spitting..... 513
Mules's Evisceration Globes ..... 177
Murphy's Chloroform Inhaler ..... 402
Craniotomy Forceps ..... 230
Murray's Chloroform Inhaler ..... 402
Muslin Bandages ..... 522
Myringotome, Hinton's..... 125

## N.

Nail Scissors ..... 512
Napier's Retention Catheter ..... 189
Nasal Instruments ..... 139–154
Deformity Instruments ..... 145, 146
Douches and Syringes.....139–141
Forceps ..... 142–147
Insufflators ..... 147
Probes ..... 147
Saw ..... 149
Septum Forceps ..... 145, 146
Snares ..... 149–151
Spatula ..... 149
Specula ..... 152–154
Sprays ..... 106
Stem Pessary ..... 300
Nævus Cauteries ..... 29, 307
Needles..... 24
Neale's Uterine Scraper ..... 251
Necrosis Instruments ..... 29–38
Forceps..... 34
Needle Books ..... 15
Holders ..... 53, 166, 275–277
Needles, Abdominal Suture ..... 24
Acupressure ..... 12
Acupuncture..... 12
PAGE
Needles, Aneurism..... 18
Bryant's ..... 275
Cataract ..... 165, 166
Cleft Palate ..... 64
Electrolysis ..... 392, 393
Exploring ..... 49
Eye ..... 14, 165, 166
Fistula ..... 14, 274, 275
Hernia ..... 22
Kidney ..... 203
Mouth ..... 14, 64
Nævus ..... 24
Ovariotomy ..... 14
Pedicle ..... 314
Post-Mortem ..... 14
Ruptured Perineum ..... 238–240
Seton ..... 52
Suture ..... 12–14
Nélaton's Bullet Probes ..... 11
Cyst Forceps ..... 311
Radius Splints..... 444
Nelson's Inhaler ..... 99
Nephrectomy Instruments ..... 202, 203
Nettleship's Eyelid Retractor ..... 173
Opthalmoscope ..... 167, 168
Neugabauer's Specula ..... 278, 284
Neurectomy Chisel..... 25
Nippers, Nail ..... 38
Hare-Lip Pin ..... 68
Nitric Acid Capsules ..... 429
Nose Instruments .....139–154
Apparatus for Ether ..... 402
Deformity Instruments ..... 145, 146
Douches ..... 139, 140
Forceps..... 142–146
Insufflators ..... 146
Probes ..... 147
Saw ..... 149
Scissors..... 149
Snares ..... 149–151
Spatula ..... 149
Specula ..... 152–154
Syringes ..... 140, 141
Nott's Vagina Speculum ..... 284
Noye's Eyelid Retractors ..... 173
Nurses' Cases ..... 510
Chatelaines ..... 53
Sabretasches ..... 53

## O.

Oakum ..... 519
O'Beirne's Enema ..... 330
Tubes ..... 339
Obstetric Instruments ..... 222–245
Bags ..... 222–224
Binders..... 469
O'Dwyer's Intubation Instruments ... 90
Œsophagus Instruments ..... 110–115
Bougies..... 112
Tubes ..... 112
Oidtmann's Syringes ..... 336
Oiled Paper ..... 519
Silk ..... 525

PAGE

Ointment Introducers ..... 323
Uterine..... 249
Oldham's Midwifery Forceps ..... 287
Perforator..... 242
Ophthalmoscope..... 169
Spine Hook ..... 243
Oliver's Urine Test Case ..... 421
Test Papers and Apparatus 421, 429, 430
Omental Clamps..... 310
Onychia Forceps..... 34
Open Wove Bandages ..... 520, 521
Operation Tables ..... 511
Ophthalmic Caustic Cases ..... 155
Discs..... 156
Lamps ..... 164, 165
Ophthalmoscopes ..... 167–169
Orchitis Bags ..... 476
Orinasal Inhalers ..... 102, 103, 105
Ormsby's Ether Inhaler ..... 402
Orthopædic Appliances..... 454–462
Osteology ..... 366, 367
Osteotomy Instruments..... 29, 30
Osteotome, Gowan's ..... 35
Osteotomist, Davis' ..... 240
Osteotribes ..... 36
Ostlere's Uterine Catheter ..... 249
Otis' Urethrometers ..... 199
Urethrotome ..... 199
Otoscope (Auscultation Tube)..... 127
Otoscopes (Specula) ..... 129–134
Ovariotomy Instruments ..... 304–316
Clamps ..... 308–310
Drainage Tubes ..... 312
Forceps, Cyst ..... 311
,, Hæmostatic ..... 312, 313
,, Pedicle..... 310
Needles..... 14
Trocars..... 314–316
Ovum Forceps..... 240–242


## P.


Padded Wood Orthopædic Splints... 454
Paget's Knee Clamps ..... 452
Knives..... 25, 50–52
Palate Lever..... 147
Palette Knives..... 513
Palmer's Dial Stethoscope..... 417
Panelectroscope, Leiter's ..... 398
Paquelin's Thermo-Cautery ..... 305–308
Paracentesis Knives, Ear ..... 125, 126
Needle, Eye..... 165
Trocars..... 353–359
Parker's Chloroform Inhaler..... 403
Tenotomy Knife ..... 28
Tracheotomy Aspirator..... 92
,, Canulas ..... 89
,, Dilators ..... 90, 91
Parsons' Electrodes ..... 375, 376
Pavy's Pellets ..... 422, 430
Urine Test Apparatus...422, 426, 430
,, Test Cases..... 422
Pean's Artery Forceps ..... 9

PAGE

Pearse's Bladder Trocar ..... 356
Peaslee's Intra-Uterine Stem ..... 291
Metrotome ..... 265
Pedicle Clamps ..... 308–310
Forceps..... 310
Needle ..... 314
Silk ..... 314
Pedley's Fractured Jaw Instruments 66
Pellier's Eyelid Retractor..... 173
Pelvimeters ..... 242
Pelvis, Female..... 367
Pemberton's Hand Splints ..... 444
Percusso-Punctator ..... 421
Percussors.....409, 410
Perforators ..... 242, 243
Perineal Section Instruments ..... 196
Perineum Needles ..... 238–240
Peritoneum Hook ..... 314
Perk's Ear Instrument ..... ..... 124
Pessaries ..... 293–303
Pettit's Tourniquet..... 16
Pewter Bed-pans..... 498, 499
Bleeding Bowls ..... 500
Feeding Cups ..... 507
Funnels..... 507
Spitting Mugs ..... 513
Stomach Warmers ..... 514
Urinals ..... 515, 516
Phantoms, for Practising Eye Operations ..... 169
Pharyngeal Bistoury ..... 80
Spatula..... 80
Phillips' Sonde-à-Vis ..... 186
Phymosis Instruments ..... 197–199
Forceps..... 199
Pick's Urethra Specula ..... 199
Pilcher's Eustachian Catheters ..... 119
Nose Speculum ..... 153
Pile Clamps..... 319, 320
Forceps..... 322, 323
Scissors..... 324
Pink Jaconet ..... 519
Pill Knives ..... 513
Pillows, Air ..... 488, 489
Water ..... 490
Pin Legs.....464, 465
Pins, Acupressure ..... 12
Acupuncture ..... 12
Hare-Lip ..... 14, 67
Safety ..... 511
Varix..... 14
Pipettes..... 430
Plaster of Paris ..... 456
Bandages ..... 521
Plasters..... 525, 526
Playfair's Pessary ..... 300
Probes ..... 265
Plessers..... 410
Plexímeters ..... 410
Plugs, Colotomy..... 330
Rectum ..... 324
Pneumatikon, James'..... 102
Pocket Dressing Instruments..... 39–55
Cases ..... 39–43

PAGE

Pocket Cases, Empty ..... 53, 54
,, Midwifery ..... 225
Knives ..... 50–52
Lenses ..... 420
Measures ..... 409
Poland's Dissecting Case ..... 368
Politzerisation Apparatus ..... 127, 128
Politzer's Ear Forceps ..... 121
Nose Syringe ..... 140
Pollock's Cleft Palate Knife..... 62
Pile Clamp ..... 319
Polypus Forceps ..... 144, 145
Forceps, Aural..... 120–122
,, Nasal ..... 143–145
,, Uterine..... 256, 257
Scissors..... 149
Snares ..... 149–151
Polytrite, Aveling's ..... 255
Porcupine Quills ..... 234
Poroplastic Felt ..... 449
Jackets ..... 458, 459
Splinting ..... 455
Portable Lamps ..... 409
Post-Mortem Instruments..... 360–365
Gloves ..... 361
Needles..... 14
Post Nasal Forceps..... 142, 143
Spray..... 106
Syringes..... 140, 141
Potain's Aspirator ..... 349
Potts' Hollow Splints..... 440
Pouches, Midwifery..... 222, 223
Tooth ..... 347
Powder Insufflators..... 507, 508
Prepuce Dilator ..... 197
Priestley's Cervix Dilators..... 263
Craniotomy Forceps ..... 230
Midwifery Forceps ..... 237
Prince's Rectus Forceps..... 161
Pritchard's Lithotomy Straps ..... 209
Probangs ..... 115
Probes, Bullet ..... 11
Drainage Tube ..... 524
Ear ..... 123, 124, 128, 129
Gervis' ..... 265
Laryngeal..... 77
Lachrymal..... 170, 171
Nasal..... 147
Playfair's ..... 265
Pocket Case..... 54
Sinus ..... 54
Trephining ..... 36
Uterine ..... 251, 265
,, Caustic..... 248
Prolapsus Ani Bands and Trusses ... 481
Uteri Bands and Trusses ... 481, 482
Prosser James' Spray..... 106
Prostate Catheters ..... 189
Prout's Ear Knife and Director ..... 126
Urine Test Cabinet ..... 423
Pulleys, Dislocation ..... 434
For Extension ..... 450
Purves' Aural Mirror ..... 131
Ear Forceps..... 121

PAGE

Purves' Ear Probes ..... 124
,, Scissors..... 129
,, Specula ..... 133
Eustachian Catheters..... 120

## Q.

Quills, Porcupine ..... 234
Suture ..... 240

## R.

Rack Elbow Splints ..... 442
Radius Splints..... 443, 444
Railway Catheters ..... 186
Conveniences ..... 483–487
Ramsbotham's Craniotomy Forceps 230
Decapitator ..... 231
Midwifery Forceps ..... 238
Raspatories ..... 36
Cleft Palate ..... 64
Rauchfuss' Insufflator ..... 74
Rauschke's Politzerisation Apparatus 128
Reclination Needles ..... 165
Recto-Vaginal Fistula Instruments, 273–277
Rectum Instruments .....317–329
Bougies..... 317
Clamps .....319, 320
Douches ..... 338, 339
Inflation Bags ..... 211
Ointment Introducers ..... 323
Plugs ..... 324
Specula ..... 326–329
Trusses ..... 481
Tubes ..... 339, 340
Rectus Forceps ..... 161
Redressor, Uterine..... 271
Reels, Boxwood and Glass ..... 12
Reeves' Chisel ..... 30
Female Urethra Dilators ..... 195
Speculum ..... 285
Reflecting Mirrors, Ear ..... 129–131
Rhinoscopic..... 148, 149
Reid's Vaginal Speculum ..... 285
Rendle's Anæsthetic Inhaler ..... 403
Repositors..... 303
Resection Instruments ..... 29–38
Director..... 31
Saws ..... 37
Respirators ..... 101–105
Inhaling ..... 101–103
Rests, Back ..... 498
Bed ..... 499, 500
Sphymographs ..... 411
Skull ..... 364, 365
Retinoscopy Mirrors ..... 169
Retractors..... 23, 25
Eyelid ..... 171–173
Gervis' ..... 265
Gowan's ..... 35
Perineal Section ..... 197
Post-Mortem ..... 363
Reynolds & Branson's Temperature Charts ..... 420

PAGE
Rheophores ..... 393–395
Rheostat, Gaiffe's ..... 376
Rhinoscopes ..... 148, 149
Rib Shears ..... 363
Richardson's Ether Sprays ..... 406
Serrated Scissors ..... 324
Sphygmograph ..... 411
Riche's Stopping Forceps ..... 347
Ricord's Phymosis Forceps ..... 199
Rectum Speculum ..... 329
Vagina Speculum ..... 285
Riding Belts ..... 470
Rigby's Perforator ..... 242
Ring Pessaries ..... 298, 300–302
Rings, Varicocele ..... 476
Robbins' Ether ..... 406
Roberts' Exploring Trocars ..... 358
Robertson's Funis Instruments ..... 232
Robson's Inhaler ..... 99
Rockwell's Neurectomy Chisel ..... 25
Rollers for Bandages ..... 523
Rope Ecraseur ..... 309
Roper's Craniotomy Forceps ..... 230
Vaginal Speculum ..... 285
Rose's Mouth Gag ..... 61
(Cooper) Epistaxis Plug ..... 142
,, Vaccinator ..... 56
Roussell's Transfusion Apparatus ... 275
Routh's Intra-Uterine Stem ..... 292
Metrotome ..... 265
Ruptured Perineum Needles ..... 238–240
Russell Simpson's Basilyst ..... 225
Uterine Sound ..... 270
Vulsella ..... 259
Russell & West's Urea Test Apparatus ..... 426
Rutherford's Section Knife ..... 372

## S.

Sabretasches, Nurses' ..... 53
Safety Pins ..... 511
Sal Alembroth Gauze and Wool ..... 520
Salicylic Silk ..... 519
Wool ..... 519
Salmon's Pile Hooks ..... 323
,, Scissors ..... 324
Salmon & Ody's Trusses ..... 479
Salter's Fracture Cradle ..... 436
Sanitas Gauge ..... 520
Sansom's Plesser ..... 410
Subcutaneous Syringe ..... 353
Saunders' Needle ..... 165
Tooth Elevator ..... 342
Savage's Metrotome ..... 265
Savory and Moore's Discs, Hypodermic ..... 353
Discs, Ophthalmic ..... 156
Saws, Adams' ..... 36
Amputation ..... 6, 7
Butcher's ..... 7
Chain ..... 37
Finger ..... 7, 26
Hey's ..... 38
PAGE
Saws, Hunter Mackenzie's ..... 37
Jaw ..... 37
Keyhole ..... 37
Metacarpal ..... 7
Nasal ..... 149
Osteotomy ..... 36–38
Post-Mortem ..... 363, 364
Resection ..... 36–38
Skull ..... 38
Spine ..... 364
Wood's ..... 37
Sayre's Apparatus ..... 456
Bandages ..... 521
Jackets ..... 459
Scalers, Dental ..... 347
Scales, Dispensing ..... 512
Scalpels ..... 26
Eye ..... 164
Pocket Case ..... 50–52
and Respatory ..... 33
Tang ..... 33
Scalpel Boxes ..... 20
Scanzoni's Vagina Douche ..... 339
Scarificators ..... 374
Scarifying Knives, Eyelid ..... 164
Uterine ..... 265
Scarpa's Needle ..... 165
Shoes ..... 461, 462
Schech's Galvanic Cauteries ..... 392
Schnitzler's Spray ..... 107
Schofield's Stem Pessary ..... 307
Schrötter's Insufflator ..... 70
Laryngeal Dilators ..... 76
Schuft's Spoons ..... 175
Scissors, Bowel ..... 360
Dissection ..... 368
Dressing ..... 48, 49
Ear ..... 129
Embriotomy ..... 232
Entomological ..... 371
Emmet's ..... 253
Eye ..... 173
Fistula ..... 324
Frænum ..... 232
Hare-Lip ..... 68
Iris ..... 173
Kidney ..... 203
Microscopic ..... 371
Nail ..... 512
Pile ..... 324
Polypus ..... 149
Post-Mortem ..... 364
Rectum ..... 324
Skin Grafting ..... 29
Strabismus ..... 173
Surgery ..... 512
Toe-Nail ..... 38
Tonsil ..... 83
Uterine ..... 266–269
Uvula ..... 83
Ward ..... 513
Scoops for Bone, Sinuses, etc. ..... 28
Bullet ..... 11
Ear ..... 123, 124

PAGE

Scoops for Fœcal Deposits ..... 324
Meibomian ..... 174
Lithotomy ..... 205
Uterine..... 251, 252
Scored Splinting ..... 449
Scrapers, for Bone, Sinuses, etc..... 28
Cock's ..... 64
Post-Nasal ..... 142
Uterine..... 251, 252
Screens, Ward ..... 513
Searchers, Dental ..... 347
Seabury & Johnson's Plasters ..... 526
Sea-Tangle Tents ..... 272
Secondary Knives ..... 163
Section Knives and Razors ..... 371, 372
Lifters ..... 371
Seekers ..... 371
Semon's Laryngoscope ..... 78
Laryngeal Mirror, with Electric Light..... 399
Sequestrum Forceps ..... 34
Sero-Sublimate Gauze ..... 520
Serrefines ..... 9
Serré-Nœud, Koeberlé's ..... 309
Seton Needles ..... 52
Seutin's Shears..... 524
Shades, Eye..... 175
Shears, Bandage..... 324
Rib..... 363
Sheeting, Waterproof ..... 491
Shoes, Talipes..... 460, 491
Shortt's Vaccinator ..... 57
Shot, Perforated ..... 277
Canisters ..... 450
Shoulder Caps..... 434
Sibson's Chloroform Inhaler ..... 404
Sichel's Cataract Knife ..... 162
Sick-Room Appliances ..... 498–518
Charts ..... 504
Siegle's Pneumatic Ear Speculum 133, 134
Sprays ..... 110
Sieveking's Æsthesiometer ..... 407
Signoroni's Tourniquet ..... 16
Silk, Dentists' ..... 347
Eye Suture ..... 175
Ligature and Suture ..... 12
Pedicle ..... 314
Silkworm Gut ..... 12
Silver Wire ..... 12
Simon's Angular Scoops ..... 199
Female Urethra Dilators ..... 195
Sharp Spoons ..... 251
Vaginal Specula ..... 286
Simpson's Axis Traction Forceps ... 238
Basilysts ..... 225, 226
Cephalotribe ..... 228
Craniotomy Forceps ..... 231
Exploring Trocar ..... 356
Forceps ..... 19, 47
Intra-Uterine Stem..... 291
Metrotome ..... 265
Midwifery Forceps ..... 238
Perforator..... 243
Porte-Caustique ..... 265

PAGE

Simpson's Shelf Pessary ..... 301
Uterine Scrapers..... 250
,, Sound..... 270
Vulsella..... 259
Sims' Catheters ..... 227
Curettes ..... 252
Cervix Dilator ..... 263
Ecraseurs ..... 256
Enucleators ..... 266
Fine Hooks ..... 264
Fistula Knife ..... 274
,, Needle..... 14
Guarded Tumour Hook ..... 266
Knife..... 266
Needles..... 14
Needle Holder ..... 276, 277
Sigmoid Catheter ..... 227
Tenaculum Forceps ..... 264
Uterine Elevator..... 271
,, Redressor ..... 271
,, Scrapers..... 251
,, Sound..... 271
Vagina Specula ..... 286–289
Vaginismus Dilators ..... 252
Sinus Dilator ..... 19
Probes ..... 54
Scissors, Bryant's ..... 49
Scrapers ..... 26, 27
Siphons, Bladder ..... 179, 180
Ear ..... 116
Eye ..... 156, 157
Nose ..... 139, 140
Rectum..... 338, 339
Uterus ..... 338, 339
Wound ..... 526
Skeletons ..... 366
Skey's Tourniquet ..... 17
Skin-Grafting Scissors ..... 29
Skinner's Chloroform Inhaler ..... 404
Skulls, Articulated and Disarticulated 367
Skull Elevators ..... 32
Forceps..... 38
Rests ..... 364, 365
Trephines..... 38
Saws ..... 38
Slide Cases, Microscopic ..... 371
Slides, Microscopic ..... 371
Slings, Arm ..... 432, 433
Foot ..... 434
Slipper Bed Pans ..... 499
Smee's Batteries ..... 380, 381
Smith's Cautery Irons ..... 318
Hare-Lip Forceps ..... 67
Mouth Gag ..... 62
Needle Holder and Needles..... 64
Pile Clamp ..... 320
Pile Scissors..... 324
Smith's (Heywood) Ecraseur ..... 255
Dilating Sounds ..... 262
Ovum Forceps..... 241
Tumour Forceps ..... 258
Uterine Scissors ..... 269
,, Sound..... 270
Vagina Speculum ..... 9

PAGE

Smythe's (Butler's) Battery ..... 384
Snares, Aural ..... 149–151
Nasal ..... 149–151
Snellen's Entropium Forceps ..... 160
Test Types ..... 176
Snow's Chloroform Inhaler ..... 404
Soap, Carbolic ..... 226
Socks, Elastic ..... 472, 473
Wire Elastic ..... 450
Solution, Hypodermic ..... 353
Sounds, Bladder ..... 222
Stricture ..... 182, 184, 199
Urethral ..... 182
Uterine ..... 269–271
Southey's Trocars ..... 358, 359
Spamer's Batteries ..... 381, 387, 388
Spamer-Taube's Battery ..... 388
Spanton's Hernia Needles ..... 22
Spatulas, Bone ..... 513
Eye ..... 175
Nose ..... 149
Pharyngeal ..... 80
Pocket Case ..... 54, 55
Steel, Ointment, etc. ..... 513
Specula, Bath ..... 339
Ear ..... 129–134
Eye ..... 171–173
Female Urethra ..... 195
Mouth ..... 80
Nose ..... 152–154
Rectum ..... 326–329
Urethra ..... 195, 199
Vaginal ..... 277–289
Spencer Watson's Nasal Retractor ..... 153
Spencer Wells' Artery Forceps 9, 10, 313
Ascites Tubes ..... 304
Case Book ..... 314
Clamps ..... 310
Needle Holder ..... 277
Omental Clamps ..... 310
Ovariotomy Trocars ..... 315, 316
Pedicle Forceps ..... 310
,, Needle ..... 314
Sphygmographs ..... 411
Sphygmograph Rests ..... 411
Spine Hooks, Oldham's ..... 243
Ice and Water Bags ..... 493, 494
Saws ..... 364
Wrenches ..... 365
Spinal Appliances ..... 456–459
Spiral Iced Water Caps ..... 494
Tourniquet ..... 16
Spirit Lamps ..... 430
Spirometers ..... 412
Spitting Mugs ..... 513
Splinter Forceps ..... 48
Splints ..... 435–450
Arm ..... 437–444
Finger ..... 444
Hand ..... 444
Hip ..... 445
Humerus ..... 442, 443
Jaw ..... 65, 66
Knee ..... 447

PAGE

Splints, Leg ..... 445–448
Padding ..... 459
Straps ..... 450
Thigh ..... 444–448
Sponges ..... 526
Sponge Holders ..... 271
Sponge-holding Forceps ..... 258
Sponge Tents ..... 272
Tent Introducers ..... 272
Sponges, Throat ..... 69
Wound ..... 526
Spongio Piline ..... 526
Spoons, Eye ..... 175
Uterine ..... 251, 252
Volkmann's, etc. ..... 28
Spratley's Vaccinator ..... 57
Sprays, Anæsthetic ..... 405, 406
Antiseptic ..... 495–497
Cocaine ..... 405
Eustachian ..... 105
Nasal ..... 106
Throat ..... 105–110
Spring Clips ..... 513
Springs for Flat Foot ..... 452
Spuds, Eye ..... 175
Squarey's Intra-Uterine Stem ..... 292
Squibb's Urea Apparatus ..... 427
Squire's (Balmanno) Urethra Syringe 337
Staffs, Lithotomy ..... 205
Syme's ..... 197
Wheelhouse's ..... 197
Staphyloraphy Instruments ..... 59–65
Starch Bandage Shears ..... 524
Statham's Rubber Bandages ..... 522
Stays, Ladies' ..... 470
Spinal ..... 459
Steaming Apparatus for Poroplastic Felt ..... 459
Steam Sprays, Carbolic ..... 497
Throat ..... 109–110
Stems, Intra-Uterine ..... 290–293
Stem Pessaries 293, 295, 296, 299, 300, 301
Sterne's Stethoscope ..... 418
Stethoscopes ..... 412–418
Stethoscope Clips ..... 415
Stevens' Vaccinator ..... 57
Stickland's Sick-Room Charts ..... 504
Stilettoes, Kidney ..... 202
Stilling's Canaliculus Knife ..... 162
Stirring Rods ..... 431
Stockings, etc., Elastic ..... 472, 473
Stöhrer's Batteries ..... 382, 384, 388
Stoker's Nasal Bougies ..... 139
Stiletto Hook ..... 92
Urine Test Stand ..... 423
Stokes' Stethoscope ..... 415
Stomach Pumps ..... 110, 111
Warmers ..... 514
Stone Crushers ..... 205
Stopping Instruments, Dental ..... 347
Forceps, Dental ..... 347
Tooth ..... 347
Störck's Laryngoscope ..... 78
Rhinoscope ..... 149

PAGE

Strabismus Hooks ..... 162
Scissors ..... 173
Straight Jackets ..... 508
Strapping ..... 525
Straps, Lithotomy ..... 208, 209
Streathfield's Spatula Hook ..... 162
Stretchers ..... 514
Stricture Dilators ..... 199
Strops ..... 514
Styles, Lachrymal ..... 175
Stypium ..... 520
Subcutaneous Syringes ..... 351–353
Sublimate Dressings ..... 520
Suction Instruments, Cataract ..... 176
Syringe, Lawson Tait's ..... 314
Sulphate of Zinc Points ..... 271
Suppositories, Medicated ..... 326
Suppository Tubes ..... 326
Supra-pubic Lithotomy Instruments, 209–211
Surface Thermometers ..... 419
Surgery Scissors ..... 512
Sundries ..... 498–518
Surgical Bags ..... 19
Dressing ..... 520
Pocket Knives ..... 50–52
Suspenders ..... 473–476
Suspension Apparatus, Hodgen's ... 447
Apparatus, Sayre's ..... 456
Suture Adjusters ..... 64, 277
Buttons ..... 11
Forceps ..... 48
Needles, etc. ..... 12–14
Quills, Ivory ..... 240
Silk, Eye ..... 175
Silks, Wires, etc. ..... 11, 12
Swimming Belts ..... 489
Sydney Jones' Cyst Forceps ..... 311
Pile Clamp ..... 320
Symes' Abscess Knives ..... 26, 51, 52
Artery Forceps ..... 10
Joint Knife ..... 6
Perineal Catheter ..... 197
Staff ..... 197
Symonds' (Charters) Œsophagus Instruments ..... 112
Pocket Case ..... 42
Vectis ..... 245
Syringes, Anatomical ..... 368
Bladder ..... 179–181
Dental ..... 347
Ear ..... 115–117
Enema ..... 330–340
Exploring ..... 351
Eye ..... 158
Glass ..... 333
Glycerine ..... 336
Hydrocele ..... 357
Hypodermic ..... 351–353
Injection ..... 330–340
Lachrymal ..... 158
Laryngeal ..... 80
Microscopic ..... 371
Nose ..... 139–141

PAGE

Syringes, Post-Nasal ..... 140, 141
Rectum ..... 330–340
Subcutaneous ..... 351–353
Suction, Lawson Tait's ..... 314
Throat ..... 80
Urethra ..... 333, 337, 338
Urethral Caustic, Acton's ..... 179
Uterine ..... 248, 271, 272
Uterine, Thomas's ..... 272
Vaginal ..... 335, 338–340
Wound ..... 526


## T.


"T" Bandages ..... 522
"T" Forceps, Thornton's ..... 313
Tables, Operation ..... 511
Tablets, Silk and Wire ..... 12
Tabloids, Hypodermic ..... 353
Tait (Lawson's) Artery Forceps ..... 312
Cervix Dilators ..... 233
Ovariotomy Trocar ..... 316
Pedicle Clamp ..... 309
Rope Ecraseur ..... 309
Suction Syringe ..... 314
Tubes for Washing out ..... 304
Uterine Repositors ..... 303
Talipes Instruments ..... 460–462
Tampon Introducer ..... 248
Tampons, Lithotomy ..... 209
Tang Scalpel ..... 33
Tape Measures ..... 409
Tarnier's Midwifery Forceps ..... 238
Tarred Tow ..... 520
Tattooing Needle ..... 166
Taylor's Iridectomy Knife ..... 164
Vectis ..... 177
Teale's Gorget ..... 197
Suction Instrument ..... 176
Vulsellum ..... 259
Teevan's Bladder Sounds ..... 222
Catheter ..... 189
Lithotrite ..... 219
Urethra Syringes ..... 338
Urethrotome ..... 199
Temperature Charts ..... 420
Regulators, Leiter's ..... 494, 495
Tenaculums ..... 26
Chambers' ..... 263
Emmet's ..... 263
Sims' ..... 264
Tenax ..... 520
Tenotomy Knives ..... 27, 28
Tent's Laminaria, Sponge, and Tupelo ..... 272
Tent Introducers ..... 272
Tents, Tracheotomy ..... 95
Test Cases, Urine ..... 421–426
Colours ..... 177
Glasses ..... 431, 432
Stands ..... 426
Tubes ..... 432
Tube Holders ..... 431
Types ..... 176

PAGE

Teuton's (Gerard) Lachrymotome ... 164
Thermo-Cauteries ..... 305–308
Thermograph ..... 420
Thermometers ..... 514
Clinical ..... 418 419
Surface ..... 419
Thigh Pieces, Elastic ..... 473
Splints ..... 445–448
Thomas's Curette ..... 252
Hip Splint ..... 448
Knee Splint ..... 448
Pessaries ..... 301
Spoon Saw ..... 252
Uterine Scraper ..... 252
,, Syringe ..... 272
Uvula Scissors ..... 83
Thompson's Bladder and Urethra Instruments ..... 178–222
Bladder Forceps ..... 194
Bladder Sounds ..... 222
Catheter Guide ..... 209
Caustic Catheter ..... 192
Cystotomy Knife ..... 209
Diagnostic Sounds ..... 199
Dilating Sounds ..... 184
Drainage Tubes ..... 209
Evacuation Apparatus ..... 214–216
Gorget ..... 194
Ivory Separator ..... 211
Lithotomy Knife ..... 205
Lithotrites ..... 219, 220
Serrated Bladder Instruments ... 194
Stricture Dilator ..... 199
Supra-pubic Operation Instruments ..... 209–211
Urethrotome ..... 199
Thomson's Tooth Elevators ..... 342
Thornton's "T" Forceps ..... 313
Throat Brushes ..... 68, 69
Compresses ..... 470
Instruments ..... 68–84
Sprays ..... 105–110
Thudichum's Nose Speculum ..... 153
Thymol Gauze ..... 520
Tillanx's Fistula Forceps ..... 273
Tocophelia, Diver's ..... 504
Todd's Rectal Dilator ..... 321
Toe-nail Forceps ..... 38
Scissors ..... 38
Tomes' Tooth Forceps ..... 342, 345
Tongue Depressors ..... 81–83
Forceps ..... 406
Tonsil Instruments ..... 68–84
Bistouries ..... 83
Guillotines ..... 72, 73
Scissors ..... 83
Tonsilotomes ..... 83
Tooth Instruments ..... 341–347
Forceps ..... 342–345
Keys ..... 346
Stopping ..... 347
Torsion Forceps ..... 8–10
Tosswill's Stomach Pump ..... 111
Tourniquets ..... 15–17

PAGE

Tow ..... 526
Townley's Chloroform Inhaler ..... 404
Toynbee's Ear Forceps ..... 121, 122
Ear Specula ..... 134
Otoscope ..... 127
Tympanum ..... 135
Trachea Forceps ..... 91–93
Tracheotomy Aspirators ..... 92
Instruments ..... 85–93
Tractors, Midwifery ..... 243
Transfusion Apparatus ..... 244, 245
Traube's Percussors ..... 410
Pleximeter ..... 410
Trays, Dressing ..... 505–507
Trephine Brushes ..... 38
Trephining Instruments ..... 29–38
Trephines ..... 38
Treves' Colectomy Clamp ..... 330
Trial Sets ..... 176, 177
Triangular Bandages ..... 521
Triple Pocket Lenses ..... 420
Tripods, Suspension ..... 456
Skull ..... 365
Trocars ..... 353–359
Exploring ..... 356–358
Ovariotomy ..... 314–316
Troeltsch's Aural Mirror ..... 131
Sprays ..... 107, 108
Trolly ..... 515
Troughs, Dressing ..... 505–507
Trumpets, Hearing ..... 137–139
Trusses ..... 476–482
Hare-Lip ..... 68
Rectum ..... 481
Umbilical ..... 482
Uterus ..... 481
Tubes, Conversation ..... 136
Drainage ..... 312, 524
Empyema ..... 21
Lithotomy ..... 209
Œsophagus ..... 112
Rectum ..... 339, 340
Suppository ..... 326
Test ..... 432
Vaccine ..... 58
Vagina ..... 340
Uterus ..... 249, 250
Tumblers, Medicine ..... 510
Tumour Forceps ..... 258
Hooks ..... 266
Tuning Forks ..... 135
Tupelo Tents ..... 272
Turkey Sponges ..... 526
Türk's Tongue Depressor ..... 82
Turmeric Paper ..... 431
Turner's Ear Specula ..... 134
Twitch, Uvula ..... 83
Tympana, Artificial ..... 135
Tyrrel's Hooks ..... 162

PAGE

## U.

Umbilical Belts and Bands .....470, 471
Trusses ..... 482
Upright for Extension ..... 447
Urethra Instruments ..... 178–201
Dilators, Female..... 195
Electrodes ..... 395
Insufflators ..... 196
Specula..... 195, 199
,, Female ..... 195
Syringes ..... 333, 337, 338
Urethral Extractors ..... 216, 217
Urethrometers ..... 199
Urethrotomes ..... 199
Urinals..... 483–487, 515, 516
Earthenware ..... 515, 516
Glass..... 515, 516
Gutta-percha ..... 515, 516
India-rubber..... 483–487, 515
Pewter ..... 515, 516
Urine-Testing Apparatus ..... 421–432
Urine Test Cabinets, Cases, and Stands ..... 421–426
Urinometers..... 431
Uterine Instruments ..... 246–289
Douches..... 338, 339
Insufflators ..... 250, 251
Repositors ..... 303
Syringes ..... 248, 271, 272
Trusses ..... 481
Uvula Instruments..... 68–84
Forceps..... 83
Twitch ..... 83
Uvulatome ..... 83

## V.

Vaccination Instruments ..... 55–58
Cases..... 55
Vaccine Bottles ..... 58
Lymph ..... 58
Points ..... 58
Tubes ..... 58
Vacher's Midwifery Forceps..... 238
Vaginal Instruments ..... 246–289
Douches ..... 338, 339
Fistula Instruments ..... 273–277
Rests..... 252
Retractor ..... 265
Specula..... 277–289
S ringes ..... 335, 338, 339
Tubes ..... 340
Valgus Plates or Springs ..... 452
Vaporizer, Bowman's..... 96
Vapour Baths ..... 96, 97
Varicocele Rings..... 476
Varix Pins ..... 14
Varus Plates or Springs ..... 452
Vectis, Eye, Taylor's..... 177
Midwifery..... 245
Vesico-Vaginal Fistula Instruments 273–277
Vests, Woollen, Sayre's ..... 456
Vitreous Bodies, Artificial..... 177

PAGE

Volkmann's Retractors ..... 25
Spoons ..... 28
Voltolini's Nose Speculum ..... 154
Vulcanite Caustic Cases ..... 46
Dental Syringes ..... 347
Double Channel Catheters ..... 181
Dressing Trays ..... 506, 507
Eustachian Catheters ..... 119, 120
Hypodermic Syringes ..... 353
Lachrymal ,, ..... 158
Laryngeal ,, ..... 80
Nose Plugs ..... 146
,, Syringes ..... 140, 141
Rectum Bougies..... 317
,, Plugs..... 324
Sigmoid Catheters ..... 227
Tongue Depressors ..... 82
Tracheotomy Tubes ..... 89
Vaginal Specula ..... 282
Vulsellums, Pile ..... 322, 323
Throat ..... 84
Vulsella, Uterine..... 258–261

## W.

Wadding, in Sheets ..... 526
Wagstaffe's Bladder Sounds..... 222
Wakley's Stricture Dilators ..... 199
Waller's Craniotomy Forceps ..... 231
Walker's Double Channel Catheter 181
Walking-Stick Catheters ..... 192
Walsh's Nasal Septum Instruments 146
Stethoscope ..... 415
Walter's Female Urethra Speculum 195
Walton's Canaliculus Knife..... 162
Grooved Spud..... 175
Lachrymal Probes ..... 171
Strabismus Hook ..... 162
Ward Appliances ..... 498–518
Dressing Tables ..... 518
Scissors..... 513
Ward-Cousins' Needle Holder ..... 277
Ware's Styles ..... 175
Watch Spring Pessaries..... 302
Water Beds, Pillows, etc. ..... 490, 491
Waterproof Sheeting..... 491
Watch Thermometers ..... 419
Watson's Splint ..... 448
(Spencer) Nasal Retractor ..... 153
Weber's Canaliculus Knife ..... 162
Probes ..... 171
Weber-Liel's Tenotome ..... 126
Wedges, Mouth ..... 65
Weighing Machines ..... 518
Weir's Vaccinator ..... 57
Wells' (Spencer) Artery Forceps 9, 10, 313
Ascites Tubes ..... 304
Case Books ..... 314
Clamps..... 310
Needle Holders ..... 277
Omental Clamps..... 310
Ovariotomy Trocars ..... 315, 316
Pedicle Clamps ..... 310
,, Forceps ..... 310
,, Needle ..... 314

PAGE

Whalebone Bougies ..... 184
Ear Probes ..... 129
Fillet ..... 232
Wheel Chairs ..... 518
Wheelhouse's Staff ..... 197
Whitehead's Uterine Forceps ..... 257
White's (Hale) Drug Cabinets ..... 367
Tracheotome ..... 92
White's Eyeshades ..... 175
Palate Lever ..... 147
Williams' (Wyn) Intra-Uterine Stems 293
Whistler's Cutting Dilator ..... 76
Willcox's Lion Forceps ..... 34
Willmott's Fillet ..... 232
Winchester's Elbow Splint ..... 442
Wire, Elastic Anklets ..... 450
,, Knee Caps ..... 452
Nippers ..... 68
Suture ..... 12
Splints ..... 439, 446
Twisters ..... 65, 277
Woakes' Ear Speculum ..... 134
Eustachian Catheters ..... 120
Naso-pharyngeal Forceps ..... 143
Snare ..... 150
Wood's Aspirator ..... 350
Hernia Needles ..... 22
Mouth Gag ..... 62
Raspatories ..... 64
Saws ..... 37
Trusses ..... 477
Wire Twister ..... 65
Wood Wool ..... 520
Diapers ..... 520
Wadding ..... 520
Woollen Vests, Sayre's ..... 456
Wools, etc. ..... 526

PAGE

Wools for Colour Blindness ..... 177
Wordsworth's Cautery ..... 29
Worker Microscope ..... 370
Worlomont's Vaccinator ..... 58
Wound Dressing Materials ..... 519–526
Wound Sponges ..... 526
Syringes ..... 526
Wray's Eye Syringe ..... 158
Nose Douche ..... 140
Wrenches, Post-Mortem ..... 365
Wright's Intra-Uterine Stem ..... 293
Wristlets, Elastic ..... 473
Leather ..... 462
Writer's Cramp Appliances ..... 462
Wry Neck Apparatus ..... 462
Wylde's Ear Forceps ..... 122
Ear Specula ..... 134
Entropium Forceps ..... 160
Snare ..... 151
Wyman's Ruptured Perineum Needle 240
Wyn Williams' Intra-Uterine Stem ... 293


## Y.


Yearsley's Ear Forceps ..... 123
Ear Specula ..... 134
Tympana ..... 135
Yeo's (Burney) Inhaling Respirators, 102, 103


## Z.


Zaufal's Nose Specula ..... 154
Ziegler's Midwifery Forceps ..... 238
Zinc Arm Splints ..... 439–440
Inhaling Respirators ..... 102, 103
Leg Splints ..... 446
Zwankey's Pessaries ..... 302

# NOTICE.

The prices quoted in this List are wholesale, and are intended only for the Trade and Medical Profession; it must therefore be understood that Appliances supplied direct to patients are charged at retail prices.

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## CATALOGUE

OF

# Surgical Instruments and Appliances.

---

### AMPUTATION INSTRUMENTS, TOURNIQUETS, Etc.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set,** consisting of Amputation Saw, Liston's Long and Short Amputation Knives, Catlin, Liston's Spring Bone Forceps, Artery Forceps, Tenaculum, Pettit's Tourniquet, Needles and Silk; in mahogany case . . . . . | 3 | 18 | 0 |
| **No. 2 Set,** in accordance with Board of Trade Regulations for Passenger and Emigrant Ships, consisting of Amputation Saw, Liston's Long and Short Amputation Knives, Liston's Bone Forceps, 3 pairs Tooth Forceps, Hey's Skull Saw, Trephine, Trephine Brush, Elevator, Skull Forceps, 2 Scalpels, Hernia Knife, Hernia Director, Aneurism Needle, Abdominal Trocar, Hydrocele Trocar, Pettit's Spiral Tourniquet, 1 each 4 and 8 Plated Catheters, 1 each 3, 5, 7 Elastic Catheters; in mahogany case . . . | 6 | 10 | 0 |

*The following are also required:—*

| | | | |
|---|---|---|---|
| Pocket Case (*No.* 3, *page* 39) . . . . | 1 | 18 | 6 |
| Clinical Thermometer . . . . . | 0 | 3 | 0 |
| Hypodermic Syringe . . . . . | 0 | 9 | 6 |
| 1 doz. Tubes Vaccine Lymph. . . . | 0 | 12 | 0 |
| 1 Bristle Probang . . . . . | 0 | 2 | 3 |
| 1 Set Midwifery Instruments (*No.* 1, *page* 223). | 3 | 1 | 0 |

## Amputation Instruments, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **No. 3 Set,** the "Guy's Case," consisting of Butcher's Saw, Liston's Long and Short Amputation Knives, Catlin, Small Knife for Breast or Foot Operations, Finger Saw, Liston's Spring Bone Forceps, Bryant's Long Torsion Forceps, Fenestra Artery Forceps, and Spiral Tourniquet; in brass bound walnut case | 6 | 6 | 0 |
| The same set with ivory handles | 9 | 9 | 0 |
| **No. 4 Set,** for Surgeons in the Peninsular and Oriental Company's Service, consisting of Amputation Saw, Liston's Long and Short Amputation Knives, Knife for the circular operation, Catlin, Bone Forceps, 2 Trephines, Trephine Brush, 2 Skull Saws, Elevator, Skull Forceps, Bullet Forceps, Gunshot Probe, 2 Artery Forceps, Hernia Director, Hernia Bistoury, 2 Straight Bistouries, 2 Curved Bistouries, Aneurism Needle, 3 Scalpels, Finger Saw, Abdomen Trocar, Hydrocele Trocar, Tourniquet, Needles, Silk and Wire; in brass bound walnut case | 10 | 10 | 0 |

*The following are also required:—*

| | | | |
|---|---|---|---|
| Set of Tooth Instruments (*No.* 2, *page* 341) | 2 | 5 | 0 |
| Pocket Case (*No.* 3, *page* 39) | 1 | 18 | 6 |
| Case of 6 Scalpels | 0 | 9 | 6 |
| No. 8 Plated Catheter | 0 | 3 | 0 |
| Set of 12 Elastic ditto | 0 | 7 | 6 |
| Midwifery Forceps | 0 | 16 | 0 |
| 6 Metallic Bougies | 0 | 3 | 6 |
| 2 Bleeding Lancets | 0 | 2 | 6 |
| Aspirator | 1 | 10 | 0 |
| Curved Bladder Trocar | 0 | 10 | 0 |
| Clinical Thermometer | 0 | 3 | 0 |
| Hypodermic Syringe | 0 | 8 | 6 |

**No. 5 Set,** for Surgeons in the Royal Mail Steam Packet Company's Service, consisting of Amputation Saw, Liston's Amputation Knife, Circular Knife, Catlin, Liston's Bone Forceps, Trephine, Trephine Brush, 2 Hey's Skull Saws, Elevator, Tang Scalpel and Raspatory, Spring Forceps, Artery Forceps, Finger Saw, 2 Tenacula, Hernia Bistoury, 2 Straight Bistouries, 2 Curved Bistouries, 2 Scalpels, Aneurism Needle, Hernia

## Amputation Instruments, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| Director, Abdomen Trocar, Hydrocele Trocar, Bullet Forceps, Gun Shot Probe, Tourniquet, Needles and Silk; in brass bound mahogany case | 9 | 9 | 0 |
| *The following are also required :—* | | | |
| Pocket Case (*No.* 3, *page* 39) | 1 | 18 | 6 |
| Set of Tooth Instruments (*No.* 2, *page* 341) | 2 | 5 | 0 |
| Hypodermic Syringe | 0 | 8 | 6 |
| 4 Plated Catheters | 0 | 12 | 0 |
| 4 Elastic ditto | 0 | 2 | 6 |
| 1 Silver Female ditto | 0 | 5 | 6 |
| 3 Bleeding Lancets | 0 | 3 | 9 |
| Clinical Thermometer | 0 | 3 | 0 |
| Bristle Probang | 0 | 2 | 3 |
| Enema Apparatus | 0 | 3 | 0 |
| 6 Glass Syringes | 0 | 1 | 3 |

**No. 6 Set,** "Army Regulation," consisting of Amputation Saw, Saw with movable back, 1 each 6-, 9-, 11-inch Liston's Amputation Knives, Liston's Bone Forceps, Straight Bistoury, Curved Sharp Bistoury, Curved Blunt Bistoury, Hernia Bistoury, Tang Scalpel, 3 Scalpels, Tenaculum, Liston's Needle, Aneurism Needle, Trephine, Trephine Brush, Elevator, Hernia Director, Liston's Artery Forceps, 2 Dieffenbach's Forceps, Spring Forceps, Bullet Forceps, Gun-shot Probe, Hydrocele Trocar, Tracheotomy Canula, Bladder Trocar, 1 each 1, 4, 7, 9 Elastic Catheters, 1 each 3, 5, 8 Plated Catheters, Tourniquet, Probang for extracting and thrusting, Silk, Thread, and Needles; in brass bound mahogany or walnut case — 11 14 0

**No. 7 Set,** "Army Regulation, 1884," consisting of Amputation Saw, Saw with movable back, 1 each 6-, 9-, 11-inch Liston's Amputation Knives, Bone Forceps, Tang Scalpel, Straight Bistoury, 2 Curved Bistouries, Hernia Bistoury, 3 Scalpels, Tenaculum, Liston's Needle, Aneurism Needle, Trephine, Trephine Brush, Elevator, 1 Bullet Probe, 1 Long Nelaton's Bullet Probe, Bullet Forceps, Hernia Director, Wire Cutting Forceps, 6 Wells' Pressure Forceps, 2 Bull Dog Forceps, Spring Forceps, Fenestra

**Amputation Instruments, etc.,** *continued.*

| | £ | s. | d. |
|---|---|---|---|
| Artery Forceps, Silver Tracheotomy Canula, Bladder Trocar, Hydrocele Trocar, 6 Elastic Olivary Catheters, 3 Silver Catheters, Needles for Silk and Wire, 12 Ward Cousins' Needles, Esmarc's Tourniquet, ½ oz. Fergusson's Thread, 1 Reel each Suture Silk and Wire, 3 Hanks Dry Chromatized Catgut, Double Probang for thrusting and extracting, and Pettit's Spiral Tourniquet; in handsome brass bound mahogany or walnut case . . . . . | 16 | 12 | 0 |
| **No. 8 Set,** "Army Hospital Case," consisting of Amputation Saw, Butcher's Saw, 4 Liston's Amputation Knives, Liston's Bone Forceps, 6 Scalpels, 3 Straight Bistouries, 2 Curved Bistouries, Hernia Bistoury, Hernia Director, Tenotomy Knife, Aneurism Needle, Liston's Needle, Tenaculum, Tang Scalpel, Lion Forceps, Necrosis Forceps, Gouge Forceps, Gouge, Raspatory, Cutting Pliers, Skull Saw, Elevator, 2 Trephines, Trephine Brush, Bullet Extractor, Gun Shot Probe, Liston's Artery Forceps, Symes' Artery Forceps, 4 Bull Dog Forceps, Dressing Forceps, Scissors, Abdomen Trocar, Hydrocele Trocar and Syringe, Exploring Trocar, 2 Tracheotomy Canulas, Glass Bottle for Oil, Silver Female Catheter, 4 Elastic Catheters, 3 Silver Catheters, Silver Director, Set Bowman's Probes and Critchett's fine-grooved Director, 2 Ware's Styles, Walton's Gouge and Cataract Needle, Anel's Probe, Silver Probe, Denman's Midwifery Forceps, Case for Plaster, Probang, Pettit's Spiral Tourniquet, 3 Field Tourniquets, Suture Needles, Silk and Wire, Wax and Thread; in handsome brass bound walnut or mahogany case . . . . . | 22 | 0 | 0 |
| **No. 9 Set,** for Surgeons in the Royal Navy, consisting of Amputation Saw, 2 Liston's Amputation Knives, Catlin, Metacarpal Saw with 2 blades, Bone Forceps, Trephine, Trephine Brush, Hey's Skull Saw, Elevator, Liston's Artery Forceps, Dissecting Forceps, Bullet Forceps, Gun-shot Probe, Tenaculum, Gum Lancet, 6 Scalpels, 4 Tooth Forceps, Punch, Bladder Trocar, Hydrocele Trocar, 2 Silver Catheters, 2 Elastic | | | |

**Amputation Instruments, etc.,** *continued.*

| | £ | s. | d. |
|---|---|---|---|
| Catheters, Strong Probe Scissors, 2 Tourniquets, 6 Curved Needles, and 1 Probang; in handsome brass bound mahogany case with lift-out tray . | 11 | 18 | 0 |

*The following are also required:—*

| | | | |
|---|---|---|---|
| Case of Pocket Instruments (*No.* 10, *page* 42) . | 3 | 11 | 6 |
| 4 Bleeding Lancets . . . . . | 0 | 5 | 0 |
| Thermometer. . . . . | 0 | 1 | 8 |
| Clinical Thermometer . . . . . | 0 | 3 | 0 |
| Hypodermic Syringe . . . . . | 0 | 8 | 6 |
| 1 doz. Elastic Gum Catheters . . . . | 0 | 7 | 6 |
| Enema and Stomach Pump . . . . | 1 | 15 | 6 |
| Set common Splints . . . . . | 0 | 2 | 6 |
| Aneurism Needle . . . . . | 0 | 2 | 0 |
| Double Tracheotomy Tube . . . . | 0 | 8 | 6 |

**No. 10 Set,** for Fleet and Staff Surgeons in the Royal Navy: Amputation Saw with spare blade, 3 Liston's Amputation Knives, 2 Catlins, Bone Forceps, Metacarpal Saw with spare blade, Trephine, Trephine Brush, Hey's Skull Saw, Elevator, Liston's Artery Forceps, Dissecting Forceps, Bullet Forceps, Bullet Scoop, Gun-shot Probe, Aneurism Needle, Tenaculum, Gum Lancet, Curved Probe Bistoury, 6 Scalpels, 2 Tooth Forceps, Punch, Bladder Trocar, Hydrocele Trocar, 2 Silver Catheters, 12 Elastic Catheters, Strong Probe Scissors, 6 Tourniquets, Tracheotomy Tube, Probang, 2 hanks Silk, hank Wire, and 6 Curved Needles; in handsome brass bound mahogany case with lift-out tray . . . . . 15 0 0

*The following are also required:—*

| | | | |
|---|---|---|---|
| Case of Pocket Instruments (*No.* 10, *page* 16) . | 3 | 11 | 6 |
| 4 Lancets . . . . . | 0 | 5 | 0 |
| Enema and Stomach Pump . . . . | 1 | 15 | 6 |
| Set common Splints . . . . . | 0 | 2 | 6 |
| 1 Thermometer . . . . . | 0 | 1 | 8 |
| 1 Clinical Thermometer . . . . . | 0 | 3 | 0 |
| Hypodermic Syringe . . . . . | 0 | 8 | 6 |
| Aspirator . . . . . | 1 | 10 | 0 |

## Amputation Instruments, etc., *continued.*

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

| Amputation Knives,— | £ | s. | d. |
|---|---|---|---|
| Liston's (*Fig.* 1), each 4-in., 5*s.*; 5-in., 6*s.*; 6-in., 6*s.* 6*d.*; 7-in., 7*s.* 6*d.*; 8-in., 8*s.* 6*d.*; 9-in., 9*s.* 6*d.*; 10-in., 10*s.* 6*d.*; and 11-in. . . . . | 0 | 11 | 6 |
| Liston's double edge (*Fig.* 2) each 7-in., 8*s.* 6*d.*; 8-in., 9*s.* 6*d.*; and 9-in. . . . . | 0 | 10 | 6 |
| Catlin (*Fig.* 3) . . . . . each | 0 | 6 | 6 |
| For circular operation (*Fig.* 4) each 7½-in., 8*s.* 6*d.*; 8½-in. | 0 | 9 | 6 |
| Guy's patterns, Broad, with chequered ivory handles, each, Catlin 5½-in., 17*s.* 6*d.*; single edge, 7-in., 18*s.* 6*d.*; 8-in., 19*s.* 6*d.*; and double edge, 10-in. | 1 | 1 | 0 |
| Syme's joint knife for foot operations (*Fig.* 5) . each | 0 | 5 | 0 |
| Boxes, plain, for holding amputation knives, each for 2, 3*s.* 6*d.*; for 3, 4*s.* 6*d.*; for 4 . . . . . | 0 | 5 | 6 |

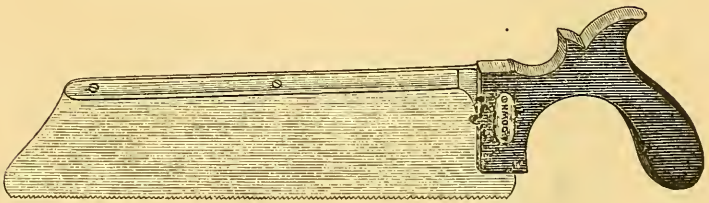


Fig. 6.

| | | | |
|---|---|---|---|
| Amputation Saws (*Fig.* 6) . . . . . each | 0 | 15 | 0 |
| As Fig. 6, with movable back . . . . . ,, | 1 | 2 | 0 |

## Amputation Instruments, etc., *continued.*

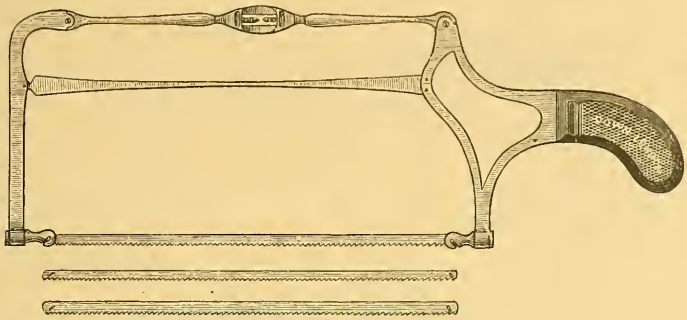


Fig. 7.

| Amputation Saws, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Butcher's, with two spare blades (*Fig.* 7) . . each | 1 | 10 | 0 |

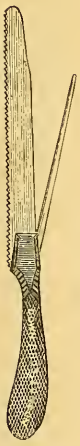


Fig. 8.

Fig 9.

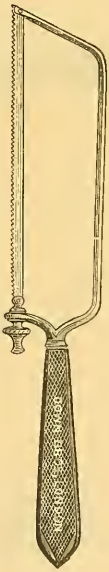


Fig. 10.

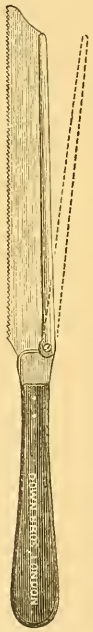


Fig. 11.

| | | | |
|---|---|---|---|
| Fergusson's (*Fig.* 8) . . . . . Each | 0 | 6 | 0 |
| Finger (*Fig.* 9) . . . . . ,, | 0 | 2 | 8 |
| Metacarpal (*Fig.* 10) . . . . . ,, | 0 | 7 | 6 |
| Movable back Army Regulation pattern (*Fig.* 11) ,, | 0 | 10 | 6 |

## Amputation Instruments, etc., *continued.*

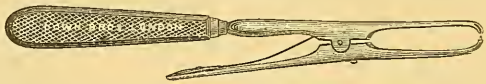


Fig. 12.

**Artery Forceps,—**

| | £ | s. | d. |
|---|---|---|---|
| Assilini's (*Fig.* 12) . . . . . each | 0 | 9 | 6 |

Fig. 13.

| | | | |
|---|---|---|---|
| Bryant's Torsion (*Fig.* 13) each, $4\frac{1}{2}$, 5 and $5\frac{3}{8}$-in., 8*s.* 6*d.*; 6-in., 9*s.* 6*d.*; 7-in., 10*s.* 6*d.*; and 8-in. . each | 0 | 11 | 6 |

Fig. 14.

| | | | |
|---|---|---|---|
| Ditto, Improved pattern, with handle (*Fig.* 14) 7-in. | 0 | 10 | 6 |

Fig. 15.

Fig. 16.

| | | | |
|---|---|---|---|
| Dieffenbach's self-holding or "Bull Dog" (*Fig.* 15) each | 0 | 2 | 0 |
| „ „ fine points (*Fig.* 16) . „ | 0 | 2 | 0 |

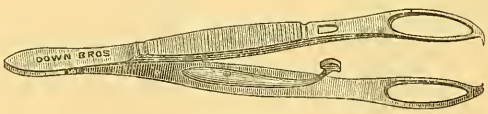


Fig. 17.

| | | | |
|---|---|---|---|
| Fenestrated (*Fig.* 17) each, $4\frac{1}{2}$ and 5-inch, 5*s.* 6*d.*; and 7-inch . . . . . | 0 | 10 | 6 |
| Ditto, with slide, 5-in. . . . . each | 0 | 9 | 0 |

## Amputation Instruments, etc., *continued.*

Fig 18.

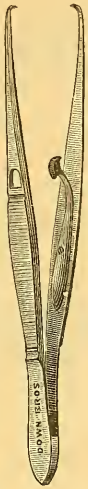



Fig. 19.

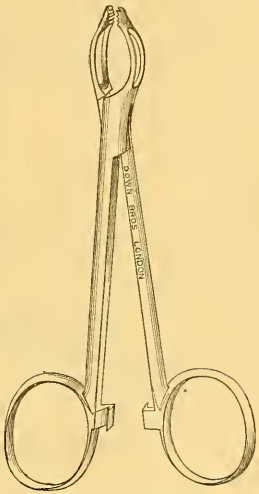



Fig. 20.

| **Artery Forceps**, *continued*,— | | £ | *s.* | *d.* |
|---|---|---|---|---|
| Lawson Tait's take-off joints (*Fig.* 18) nickel plated, | each | 0 | 5 | 6 |
| Ditto, screw joints, ditto . . . . . | ,, | 0 | 5 | 0 |
| Liston's (*Fig.* 19) . . . . . | ,, | 0 | 4 | 6 |
| Morrant Baker's (*Fig.* 20), 5-in., nickel plated . | ,, | 0 | 6 | 6 |
| Pean's, to use also as a needle holder, 5-in. . . | ,, | 0 | 5 | 6 |
| Serrefines, plated . . . . . | per doz. | 0 | 8 | 0 |

Fig. 21.

Spencer Wells' original (*Fig.* 21) nickel plated . each 0 4 6

## Amputation Instruments, etc., *continued.*

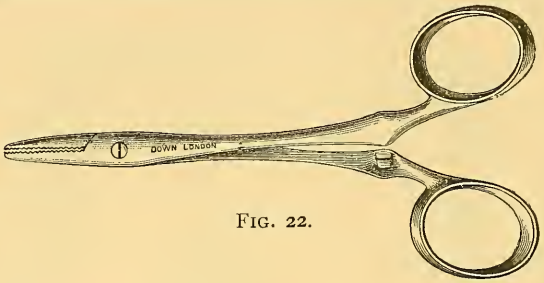



Fig. 22.

| **Artery Forceps**, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Spencer Wells', improved nickel plated (*Fig.* 22), each, 3-in. and 5-in., 4*s.* 6*d.*; and 6-inch . . . | o | 6 | 6 |

Fig. 23.

| | | | |
|---|---|---|---|
| Syme's (*Fig.* 23) . . . . . each | o | 4 | 6 |

*Nickel plated*, 9*d. each extra* (*unless specified*).

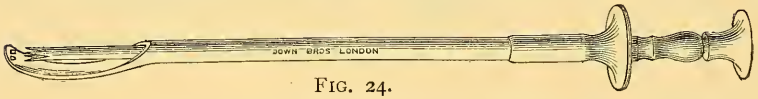



Fig. 24.

| | | | |
|---|---|---|---|
| **Bullet Extractors** (*Fig.* 24) . . . . each | o | 8 | 6 |

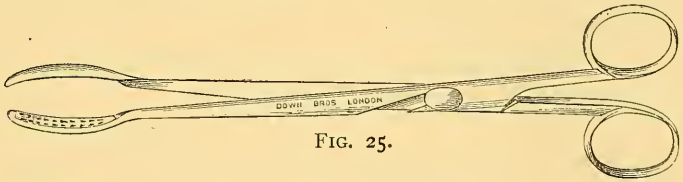



Fig. 25.

| | | | |
|---|---|---|---|
| **Bullet Forceps**, blades to separate (*Fig.* 25) . each | o | 7 | 6 |

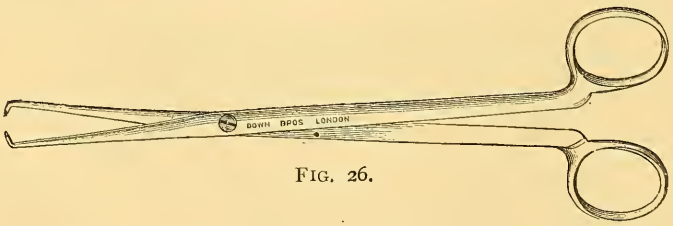



Fig. 26.

| | | | |
|---|---|---|---|
| Ditto, fine points (*Fig.* 26) . . . . . each | o | 7 | 6 |

**Amputation Instruments, etc.,** *continued.* £ s. d.

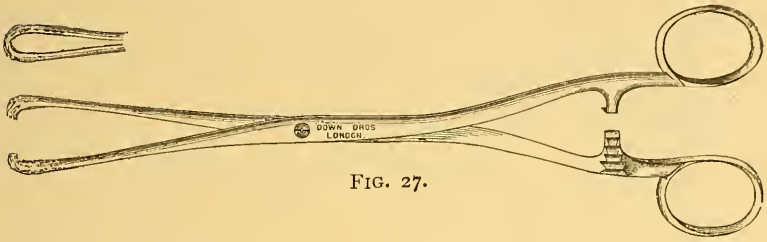



FIG. 27.

**Bullet Forceps,** vulsellum ends (*Fig.* 27.) . . each 0 10 6
„ **Scoops** . . . . . „ 0 2 6
*Nickel plated,* 1*s. each extra.*

FIG. 28.

FIG. 29.

FIG. 30.

**Gun-shot Probes,** plated (*Fig* 28) 10-inch . . each 0 2 6
„ „ silver „ 8-inch, 4*s.*; 10-inch 0 5 0
„ „ Nélaton's, with porcelain tips (*Fig.* 29) each, 5-in. 3*s.* 4*d.*, and 8-inch . 0 4 0
„ „ ditto, Flexible Spiral, ditto (*Fig.* 30) each 0 5 0

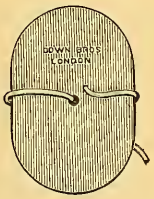



FIG. 31.

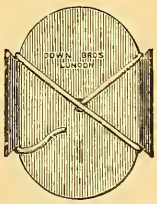



FIG. 32.

**Suture and Ligature Materials, etc.,—**
Button's, Lead Oval (*Fig.* 31) . . . per doz. 0 2 0
„ „ with turned-up edges (*Fig.* 32) . . „ 0 3 0
Catgut, Lister's Chromatized, 5 sizes . .per bottle 0 0 10
„ „ „ Dry, 5 sizes, per doz. hanks 0 4 0

## Amputation Instruments, etc., *continued.*

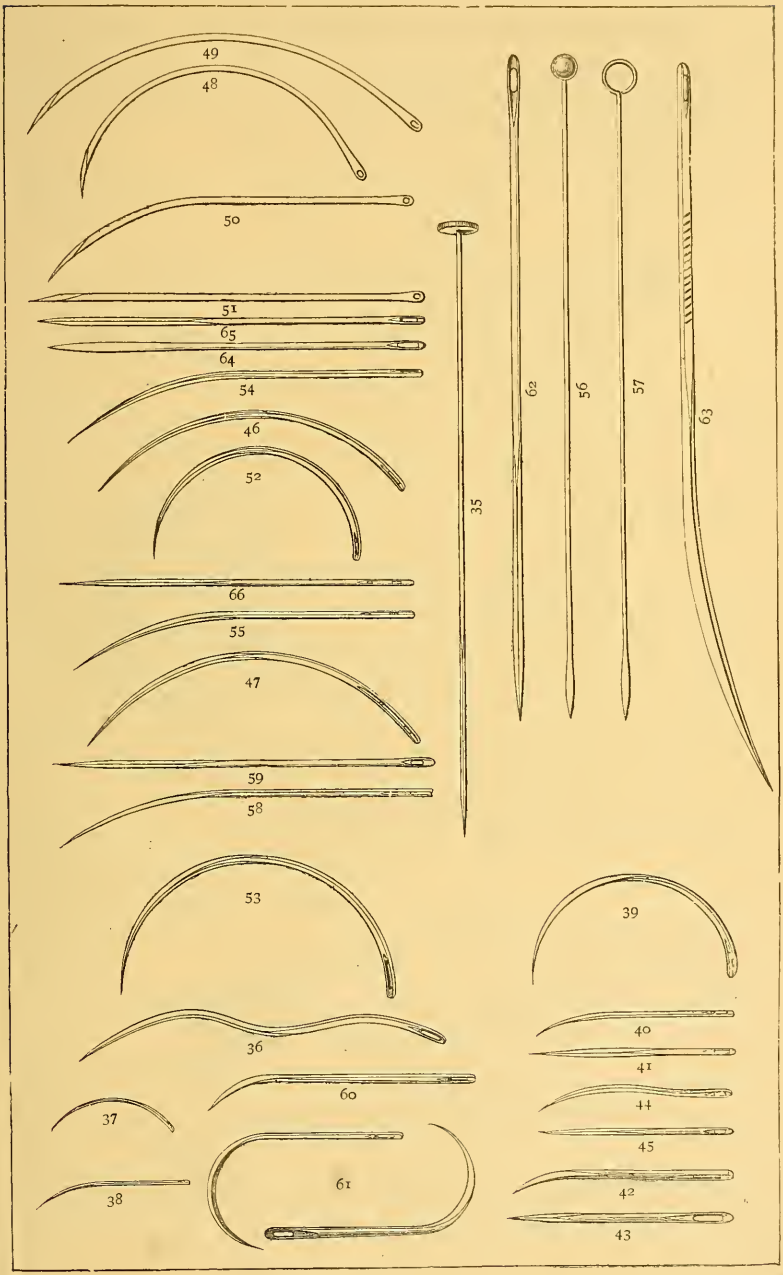
| Suture and Ligature Materials, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| Fergusson's Hemp Cord . . . . per hank | 0 | 0 | 6 |
| Horsehair . . . . . „ | 0 | 1 | 0 |
| Japanned Tin Boxes, containing 3 Boxwood Reels for Catgut . . . . . each | 0 | 3 | 9 |
| Reels, Boxwood, for keeping Catgut and Silk in Antiseptic Solutions . . . per doz., 4*s.* and | 0 | 5 | 0 |
| „ Glass „ „ „ „ per doz. | 0 | 8 | 0 |
| Silk . . . . . per skein | 0 | 0 | 9 |
| „ very stout . . . . . „ | 0 | 1 | 6 |
| „ on Reels . . . . . per reel | 0 | 0 | 10 |
| „ „ Carbolized . . . . „ | 0 | 0 | 10 |

Fig. 33.

| | | | |
|---|---|---|---|
| Silk, Chinese or "Dentists'" Twist (*Fig.* 33) per hank | 0 | 0 | 9 |
| „ Iron Dyed . . . . . per card | 0 | 0 | 9 |

Fig. 34.

| | | | |
|---|---|---|---|
| Silk, Turner's Patent . . . . . per hank | 0 | 0 | 9 |
| „ „ 4 assorted sizes on Card (*Fig.* 34) per card | 0 | 1 | 2 |
| Silkworm Gut, Pink or White . . per 25 threads | 0 | 1 | 0 |
| Tablets, Lead, for carrying Silk . . . per doz. | 0 | 4 | 6 |
| „ Vulcanite, fitted with 3 sizes each Silk and Wire . . . . . each | 0 | 3 | 0 |
| Wire, Iron . . . . . per reel | 0 | 0 | 9 |
| „ Plated . . . . . „ | 0 | 1 | 0 |
| „ Silver . . . . . per $\frac{1}{4}$-oz. reel | 0 | 2 | 6 |
| **Suture Needles, etc.** (sold in $\frac{1}{2}$ dozen packets, assorted or otherwise),— | | | |
| Acupressure Pins, steel heads (*Fig.* 35) $2\frac{1}{2}$ to 5 inches per doz. . . . . | 0 | 3 | 0 |
| Acupuncture Pins, in ivory cases . . per dozen | 0 | 9 | 0 |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## Amputation Instruments, etc., *continued.*

| Suture Needles, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Double Curved (*Fig.* 36) sizes 7 to 12 . per doz. | 0 | 2 | 6 |
| Eye, Full Curved (*Fig.* 37) „ 1 to 3 . „ | 0 | 2 | 6 |
| „ Half Curved (*Fig.* 38) „ 1 to 3 . „ | 0 | 2 | 6 |
| Fistula, Full Curved (*Fig.* 39) sizes 1 to 3 . „ | 0 | 2 | 6 |
| „ Half „ (*Fig.* 40) „ 1 to 3 . „ | 0 | 2 | 6 |
| „ Straight (*Fig.* 41) „ 1 to 3 . „ | 0 | 2 | 6 |
| „ Emmet's, with Trocar Points, Quarter Curved (*Fig.* 42) sizes 1 to 3 . . . . per doz. | 0 | 2 | 6 |
| „ Emmett's Straight (*Fig.* 43) sizes 1 to 3 „ | 0 | 2 | 6 |
| „ Hagedorn's Full, Half, and Quarter Curved, sizes 1 to 3 . . . . per doz. | 0 | 2 | 6 |
| „ Sims' Half Curved (*Fig.* 44) sizes 1 to 3 „ | 0 | 2 | 6 |
| „ „ Straight (*Fig.* 45) „ 1 to 3 „ | 0 | 2 | 6 |
| Full Curved (*Fig.* 46) sizes 1 to 18 . . „ | 0 | 1 | 6 |
| „ with two eyes for Wire (*Fig.* 47) sizes 1 to 12 . . . . . per doz. | 0 | 2 | 3 |
| Hagedorn's Full Curved (*Fig.* 48) sizes 1 to 10 „ | 0 | 2 | 0 |
| „ Half „ (*Fig.* 49) „ 1 to 10 „ | 0 | 2 | 0 |
| „ Quarter Curved (*Fig.* 50) sizes 1 to 10 „ | 0 | 2 | 0 |
| „ Straight (*Fig.* 51) sizes 1 to 10 „ | 0 | 2 | 0 |
| Half Circle (*Fig.* 52) sizes 1 to 18 „ | 0 | 1 | 6 |
| „ extra strong (*Fig.* 53) sizes 1 to 6 „ | 0 | 2 | 0 |
| Half Curved . . (*Fig.* 54) „ 1 to 18 „ | 0 | 1 | 6 |
| „ with two eyes for wire (*Fig.* 55) sizes 1 to 12 . . . . . per doz. | 0 | 2 | 3 |
| Hare-lip Pins, glass heads (*Fig.* 56) $1\frac{3}{4}$ to 4-inch „ | 0 | 1 | 6 |
| „ ringed heads, to cut at sides as well as at points (*Fig.* 57) $1\frac{3}{4}$ to 4-inch, . . per doz. | 0 | 2 | 0 |
| Lister's, for Catgut, Full Curved, sizes 1 to 12 „ | 0 | 2 | 6 |
| „ „ Half Curved (*Fig.* 58) sizes 1 to 12 per doz. | 0 | 2 | 6 |
| „ „ Straight (*Fig.* 59) sizes 1 to 12 . | 0 | 2 | 6 |
| Mouth (*Figs.* 60 and 61) sizes 1 to 3 . . per doz. | 0 | 2 | 6 |
| Ovariotomy (*Fig.* 62) „ 3, $3\frac{1}{2}$, and 4-in. „ | 0 | 2 | 6 |
| Post Mortem (*Fig.* 63) „ 3, 4, 5 and 6-in. „ | 0 | 4 | 0 |
| Round bodies, with lance points, Full Curved, Half Curved, and Half Circle Curved, sizes 1 to 18 per doz. | 0 | 1 | 6 |
| Straight Flat (*Fig.* 64) sizes 1 to 18 . . „ | 0 | 1 | 6 |
| „ Triangular (*Fig.* 65) sizes 1 to 18 . „ | 0 | 1 | 6 |
| „ „ with two eyes for wire (*Fig.* 66) sizes 1 to 12 . . . . . per doz. | 0 | 2 | 3 |
| Varix pins, strong, 4-inch (*Fig.* 57) . . . „ | 0 | 3 | 0 |

*Nickel plated, 6d. per doz. extra.*

## Amputation Instruments, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Needle Holders** (*see pages* 275–277). | | | |
| **Needle Books** to hold 1 dozen for Pocket Cases, each | 0 | 1 | 0 |
| „ combined with Tablet for Silk and Wire . . . . . each | 0 | 1 | 6 |
| „ to hold 6 dozen . . . . . „ | 0 | 2 | 6 |
| **Tourniquets,—** | | | |
| Carte's Abdominal . . . . . each | 3 | 3 | 0 |

FIG. 67.

| | | | |
|---|---|---|---|
| Davy's Lever (for compressing iliac artery per rectum) (*Fig.* 67) . . . . . each | 0 | 6 | 6 |
| Esmarc's India-rubber Tube, with hook and chain „ | 0 | 4 | 6 |

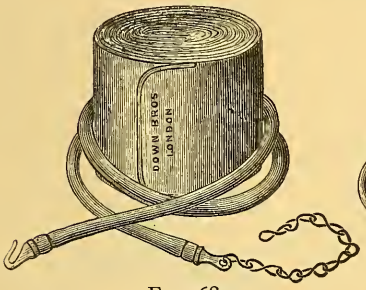


FIG. 68.

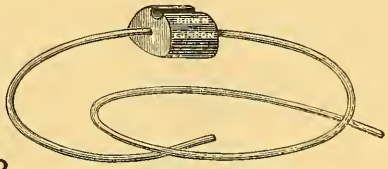

FIG. 69.

| | | | |
|---|---|---|---|
| Esmarc's India-rubber Tube, with hook and chain and bandage complete (*Fig.* 68) . . . . each | 0 | 9 | 6 |
| Foulis' India-rubber Cord (*Fig.* 69) . . . „ | 0 | 2 | 0 |
| Field (*Fig.* 70) . . . . . „ | 0 | 2 | 0 |

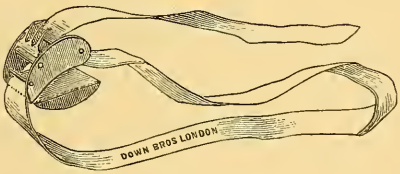


FIG. 70.

| | | | |
|---|---|---|---|
| Lead Weight for Aneurism, as used at Guy's (*Fig.* 71) each | 0 | 15 | 0 |

## Amputation Instruments, etc., *continued.*

Fig. 71.

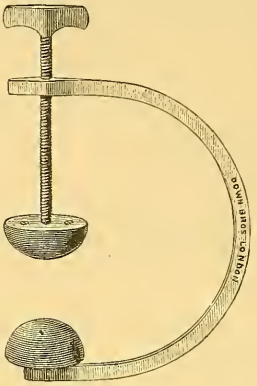


Fig. 72.

| Tourniquets, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Lister's (*Fig.* 72) . . . . . | each | 0 | 17 | 6 |
| ,, Large pattern. . . . . | ,, | 1 | 8 | 0 |
| Pettit's Spiral (*Fig.* 73) . . . . . | ,, | 0 | 6 | 6 |

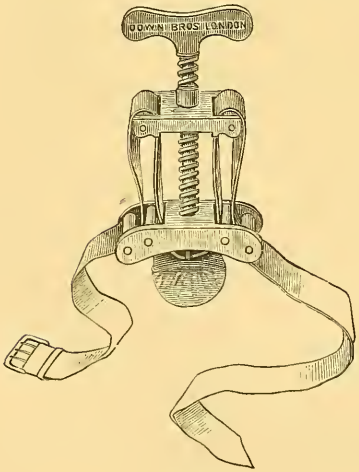


Fig. 73.

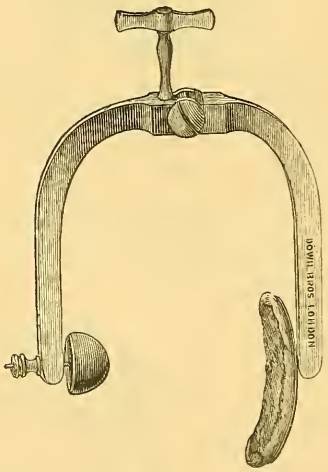


Fig. 74.

| | | | | |
|---|---|---|---|---|
| Signoroni's (*Fig.* 74) . . . . . | each | 1 | 3 | 0 |
| ,, with two pads, to apply pressure alternately to different parts of the artery . . . | each | 1 | 18 | 0 |

## Amputation Instruments, etc., *continued.*

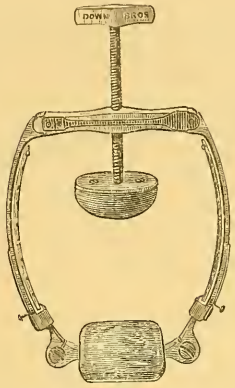


Fig. 75.

| Tourniquets (*continued*),— | £ | s. | d. |
|---|---|---|---|
| Skey's (*Fig.* 75 . . . . . each | 2 | 0 | 0 |

## MINOR OPERATION AND HERNIA INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set**, containing Finger Knife, Sharp Curved Bistoury, Probe Curved Bistoury, Hernia Bistoury, Hernia Director, Nævus Needle, Aneurism Needle, Tenaculum, and 3 Scalpels in plain ebony handles, Liston's Artery Forceps, Spring Forceps, Dressing Scissors, Director, Needles and Silk; in mahogany case . . | 2 | 5 | 0 |

*If with the blunt Instruments nickel plated, 3s. extra.*

| | | | |
|---|---|---|---|
| **No. 2 Set**, containing Saw, Finger Knife, Sharp Curved Bistoury, Probe Curved Bistoury, Hernia Bistoury, Nævus Needle, Aneurism Needle, Tenaculum and 3 Scalpels in plain ebony handles, Hernia Director, Liston's Artery Forceps, Spring Forceps, Scissors, Bryant's Torsion Forceps, Directors, Reel each Silk and Wire, and 3 each Needles for Silk and Wire; in mahogany case . . . . . | 3 | 3 | 0 |

*If with the blunt Instruments nickel plated, 4s. 6d. extra.*

**No. 3 Set**, containing Saw, Finger Knife, Sharp Curved Bistoury, Probe Curved Bistoury, Hernia Bis-

**Minor Operation and Hernia Instruments,** *continued.*

| | £ | s. | d. |
|---|---|---|---|
| toury, Paget's Knife, Nævus Needle, Aneurism Needle, Tenaculum, Cooper's Slide Tumour Hook and 3 Scalpels in plain ivory handles, Hernia Director, Scissors, Dissecting Forceps, Liston's Artery Forceps, Bryant's Torsion Forceps, 2 Dieffenbach's Bull Dog Forceps, Bryant's Dressing Forceps, Director, Reel each Silk and Wire, and Needles for Silk and Wire; in brass bound mahogany case . . . | 4 | 4 | 0 |

*If with the blunt Instruments nickel plated, 7s. 6d. extra.*

**No. 4 Set,** containing Saw, Breast Knife, Finger Knife, Straight Probe Bistoury, Sharp Curved Bistoury, Blunt Curved Bistoury, Hernia Bistoury, Paget's Knife, 2 Nævus Needles, Aneurism Needle, Blunt Tenotomy Knife, Sharp Tenotomy Knife, Cooper's Slide Tumour Hook, Tenaculum, 4 Scalpels, 2 Durham's Retractors, and Bone Gouge in chequered ivory handles, Bone Forceps, Fenestra Artery Forceps, Bryant's Torsion Forceps, 2 Spencer Wells' Forceps, Bryant's Dressing Forceps, Straight Scissors, Scissors Curved on Flat, Dissecting Forceps, Hernia Director, Brodie's Silver Fistula Director, Steel Director, Double Sinus Scraper, Reel each Silk and Wire, Needles for Silk and Wire; in handsome brass bound walnut case, polished inside . . . . . 10 5 0

If with plain ivory handles . . . . . 9 9 0

*If with the blunt Instruments nickel plated, 10s. 6d. extra.*

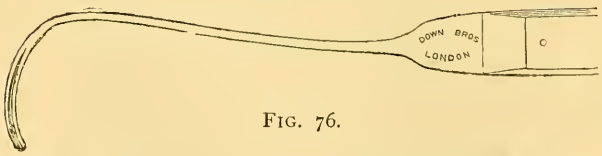


Fig. 76.

**Aneurism Needles** (*Fig.* 76), each, plain ebony, 2*s.* 3*d.*;

| | | | |
|---|---|---|---|
| chequered . . . . . | 0 | 2 | 9 |
| Plain ivory, 3*s.*; chequered . . . . . | 0 | 3 | 6 |
| Curved to the right or left, extra . . . . each | 0 | 1 | 0 |

**Artery Forceps** (*see pages* 8–10).

## Minor Operation and Hernia Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Bags, Morocco Surgical,** fitted with three zinc trays for carrying loose instruments and cases . each | 4 | 4 | 0 |

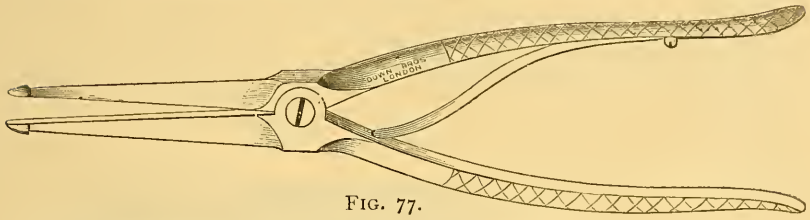


Fig. 77.

**Bigelow's Sinus Dilator** (*Fig.* 77), nickel plated . 0 12 6

Fig. 78.

Fig. 79.

Fig. 80.

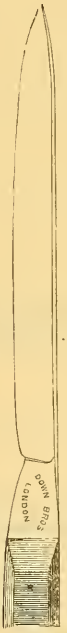


Fig. 81.

Fig. 82.

**Bistouries,—**

| | | | |
|---|---|---|---|
| Curved Probe (*Fig.* 78), plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . . . | 0 | 3 | 6 |
| Curved Sharp (*Fig.* 79), plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . . . | 0 | 3 | 6 |

## Minor Operation and Hernia Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Bistouries** (*continued*),— | | | |
| Straight Probe (*Fig.* 80), plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . . . | 0 | 3 | 6 |
| Straight Sharp (*Fig.* 81), plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . . . | 0 | 3 | 6 |
| **Boxes**, plain, for Bistouries, Scalpels, etc., to hold four, each, 1*s.* 6*d.*; to hold six, 2*s.*; to hold twelve . | 0 | 4 | 0 |
| **Breast Knives** (*Fig.* 82), plain ebony, 3*s.* 3*d.*; chequered, 4*s.*; plain ivory, 4*s.* 6*d.*; chequered . . . | 0 | 5 | 3 |

Fig. 83.

| | | | |
|---|---|---|---|
| Ditto, with tang through handle and raspatory at reverse end (*Fig.* 83), each plain ebony, 3*s.* 3*d.*; chequered, 4*s.*; plain ivory, 4*s.* 6*d.*; chequered . . . | 0 | 5 | 3 |

**Cock's Knife** (*see page* 196).

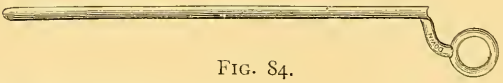

Fig. 84.

| | | | |
|---|---|---|---|
| **Directors** (*see also pages* 46 *and* 47),— | | | |
| Steel, 6½-inch (*Fig.* 84) . . . . . each | 0 | 4 | 6 |

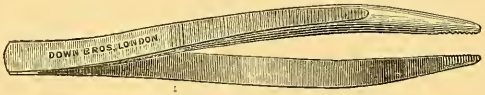


Fig. 84A.

| | | | |
|---|---|---|---|
| **Dressing Forceps** (*see also pages* 47 *and* 48),— | | | |
| Spring Dissection (*Fig.* 84A), 5 and 5½ inch . . each | 0 | 2 | 0 |

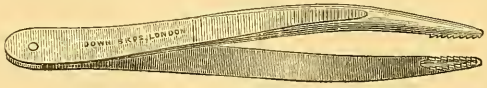


Fig. 84B.

| | | | |
|---|---|---|---|
| Ditto, Mason's Shark's Teeth (*Fig.* 84B) . . each | 0 | 2 | 3 |
| Ditto, ditto, with spring catch, 6 inch . . . ,, | 0 | 5 | 0 |

*Nickel plated*, 9*d. each extra.*

Fig. 85.

| | | | |
|---|---|---|---|
| **Durham's Fine Dissector** (*Fig.* 85) . . . each | 0 | 5 | 6 |

## Minor Operation and Hernia Instruments, *continued*

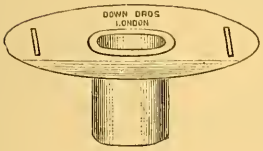


FIG. 86.

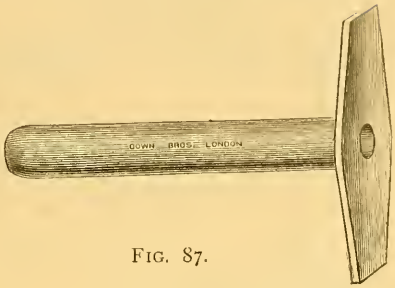


FIG. 87.

**Empyema Tubes,—** £ s. d.

Goodhart's silver (*Fig.* 86), in 3 sizes . . . each 0 10 6

No. 1 for Children; No. 2 for Adults, or for Children where the pleura is much thickened; No. 3 for Adults where pleura is much thickened.

"*The last case I have had has been treated by a silver tube I had made on the principle I advocate, of keeping the external wound open and leaving the pleura alone. It is a flattened oval an inch long, with a bore of 4 millimetres by 12. It has a thin, silver shield which can be moulded somewhat to the side of the chest. It answered admirably, keeping the ribs apart, and giving a free vent, and this in a case not very favourable to success, for the child was only 2 years old.*"—Address on treatment of Empyema by Dr. GOODHART, *British Medical Journal*, June 4th, 1887.

India Rubber (*Fig.* 87), in 6 sizes . . . each 0 2 0

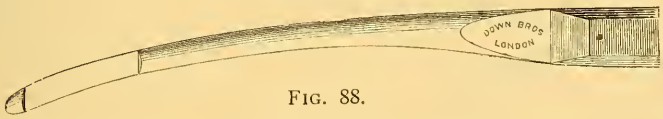


FIG. 88.

**Hernia Bistouries** (*Fig.* 88), plain ebony, 2*s.* 9*d.*; chequered, 3*s.* 3*d.*; plain ivory, 3*s.* 6*d.*; chequered 0 4 0

Hayes' concealed . . . . . each 0 8 6

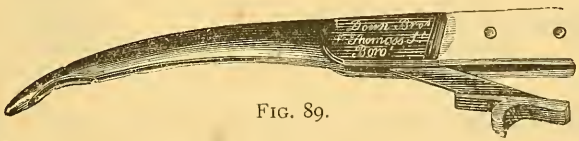


FIG. 89.

Le Gros Clark's (*Fig.* 89) . . . . . each 0 13 6

## Minor Operation and Hernia Instruments, *continued.*

FIG. 90.

| | £ | s. | d. |
|---|---|---|---|
| **Hernia Directors**, Double (*Fig.* 90) . . each | 0 | 4 | 0 |

FIG. 91.

| | | | | |
|---|---|---|---|---|
| Ditto, Key's (*Fig.* 91) . . . . . each | 0 | 4 | 0 |

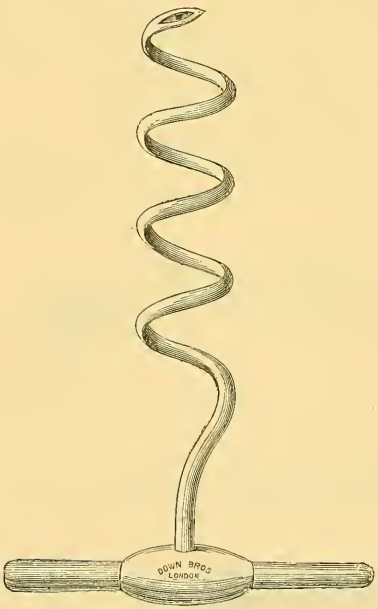


FIG. 92.

FIG. 93.

| | | | | |
|---|---|---|---|---|
| **Hernia Needles**, Spanton's Spiral (*Fig.* 92), 6 sizes, each | 0 | 8 | 6 |
| „ „ Wood's (*Fig.* 93) . . . „ | 0 | 5 | 6 |

*Nickel plated, 9d. each extra.*

## Minor Operation and Hernia Instruments, *continued.*

FIG. 94.

FIG. 95.

FIG. 96.

FIG. 97.

| | £ | s. | d. |
|---|---|---|---|
| **Hooks, Blunt,** to use as Retractors (*Fig.* 94),— | | | |
| Plain ebony, 2*s.*; chequered, 2*s.* 6*d.*; plain ivory, 2*s.* 9*d.* chequered . . . . . | 0 | 3 | 3 |
| Double (*Fig.* 95), plain ebony, 4*s.*; chequered, 4*s.* 6*d.*; plain ivory, 4*s.* 9*d.*; chequered . . . . | 0 | 5 | 3 |
| Treble, plain ebony, 5*s.* 3*d.*; chequered, 5*s.* 9*d.*; plain ivory, 6*s.*; chequered . . . . . | 0 | 6 | 6 |
| **Hooks, Sharp** (*Fig.* 96),— | | | |
| Each, plain ebony, 2*s.*; chequered, 2*s.* 6*d.*; plain ivory, 2*s.* 9*d.*; chequered . . . . . | 0 | 3 | 3 |
| Cooper's Double Sliding (*Fig.* 97), each, plain ebony, 5*s.* 3*d.*; chequered, 5*s.* 9*d.*; plain ivory, 6*s.*; chequered . . . . . | 0 | 6 | 6 |

## Minor Operation and Hernia Instruments, *continued.*

Fig. 98.

Fig. 99.

Fig. 100.

| | £ | s. | d. |
|---|---|---|---|
| **Needles, Strong,** for Abdominal operations, etc., Guy's patterns (*Figs.* 98 and 99), chequered ebony handles . . each | 0 | 5 | 0 |
| Ditto, ditto, St. Thomas's pattern, curved to the right and left, chequered ebony handles . . . . . each | 0 | 6 | 6 |
| **Nævus Needles** (*Fig.* 100), each, plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . | 0 | 3 | 6 |
| **Needles,** with handles made entirely of steel in one piece each | 0 | 3 | 6 |

## Minor Operation and Hernia Instruments, *continued.*

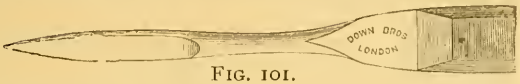


FIG. 101.

| | £ | s. | d. |
|---|---|---|---|
| **Neurectomy Chisel**, Rockwell's . . . each | 0 | 7 | 6 |
| **Paget's Knives** (*Fig.* 101), each, plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*.; chequered . | 0 | 3 | 6 |

FIG. 102.

**Probes** (*see also page* 54),—
Steel (*Fig.* 102), 5 and 6 inch . . . . each 0 2 6

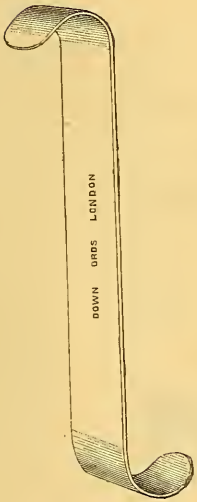


FIG. 103.

FIG. 104.

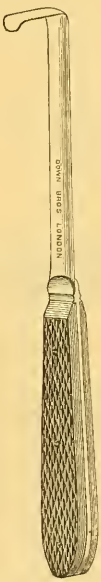


FIG. 105.

FIG. 106.

FIG. 107.

**Retractors**,—

| | | | |
|---|---|---|---|
| Plain metal (*Fig.* 103). . . . per set of 3 | 0 | 6 | 6 |
| Durham's (*Fig.* 104), 3 sizes, each 6*s.* 6*d.*, 7*s.* 6*d.*, and | 0 | 8 | 6 |
| Langenbeck's (*Fig.* 105), 2 sizes . . each 5*s.* 6*d.* and | 0 | 6 | 0 |
| Strong Double Hooks, Guy's pattern (*Fig.* 106), 4 sizes each 4*s.* 6*d.*, 5*s.* 6*d.*, 7*s.* 6*d.*, | 0 | 9 | 6 |
| Volkmann's (*Fig.* 107), 2 sizes . . each 6*s.* 6*d.*, and | 0 | 7 | 6 |

*Nickel plated, 9d. each extra.*

## Minor Operation and Hernia Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Saws** (*see also pages* 6 *and* 7),— | | | |
| For Fingers, etc., each, plain ebony, 3*s.* 6*d.*; chequered, 4*s.* 3*d.*; plain ivory, 4*s.* 9*d.*; chequered . . | 0 | 5 | 6 |

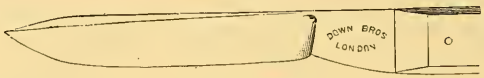


Fig. 108.

| | | | |
|---|---|---|---|
| **Scalpels**, each, plain ebony, 1*s.* 4*d.*; chequered, 2*s.*; plain ivory, 2*s.*; chequered . . . . . | 0 | 2 | 6 |

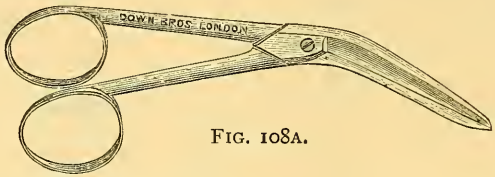


Fig. 108A.

| | | | |
|---|---|---|---|
| **Scissors** (*see also pages* 48 *and* 49),— | | | |
| Angular (*Fig.* 108A), 6 inch. . . . . each | 0 | 4 | 6 |
| Curved or flat, 6½ inch . . . . . „ | 0 | 6 | 6 |

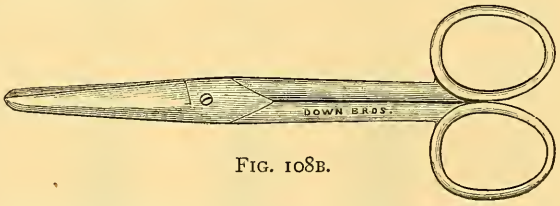


Fig. 108B.

| | | | |
|---|---|---|---|
| Straight, close shanks, blunt points (*Fig.* 108B), each 6-in. 3*s.* 6*d.*; 7-in. . . . . | 0 | 5 | 6 |

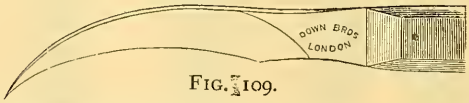


Fig. 109.

| | | | |
|---|---|---|---|
| **Syme's Knives** (*Fig.* 109), each, plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . | 0 | 3 | 6 |

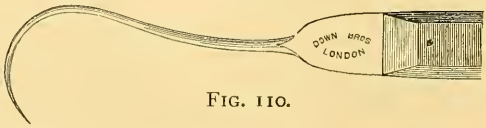


Fig. 110.

| | | | |
|---|---|---|---|
| **Tenaculums** (*Fig.* 110), each, plain ebony, 1*s.* 6*d.*; chequered, 2*s.*; plain ivory, 2*s.* 3*d.*; chequered . | 0 | 2 | 9 |

## Minor Operation and Hernia Instruments, *continued.*

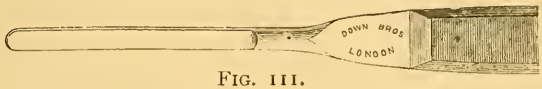


Fig. 111.

| Tenotomy Knives,— | £ | s. | d. |
|---|---|---|---|
| Blunt (*Fig.* 111), each, plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*.; chequered . . . | 0 | 3 | 6 |

Fig. 112.

| | | | |
|---|---|---|---|
| Sharp (*Fig.* 112), each, plain ebony, 2*s.* 3*d.*; chequered, 2*s.* 9*d.*; plain ivory, 3*s.*; chequered . . . | 0 | 3 | 6 |

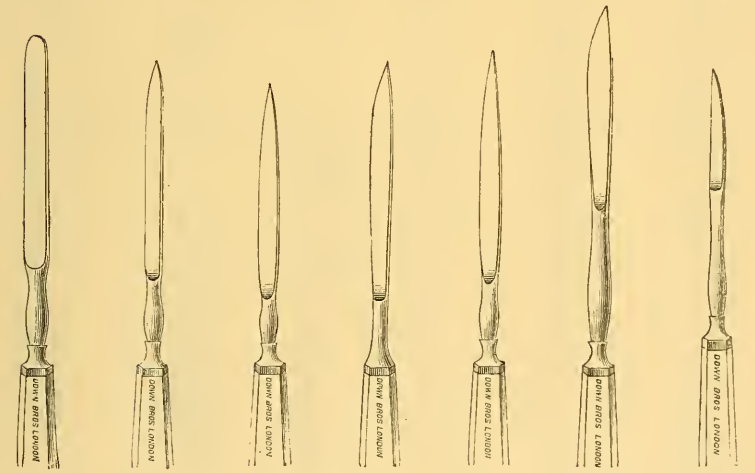


Fig. 113. Fig. 114. Fig. 115. Fig. 116. Fig. 117. Fig. 118. Fig. 119.

| | | | | |
|---|---|---|---|---|
| Adams', plain ivory handles (*Figs.* 113–118) . each | 0 | 4 | 6 |
| ,, ,, ,, set of 6 in case . . . | 1 | 11 | 6 |
| ,, straight edge ,, (*Fig.* 119) . . each | 0 | 4 | 6 |

Fig. 120.

| | | | |
|---|---|---|---|
| Guy's pattern, plain ivory handles (*Fig.* 120) . each | 0 | 4 | 6 |

## Minor Operation and Hernia Instruments, *continued.*

Fig. 121.

| | £ | s. | d. |
|---|---|---|---|
| **Tenotomy Knives,** *continued*,— | | | |
| Parker's curved ditto (*Fig.* 121) . . . . each | 0 | 4 | 6 |

Fig. 122.

Fig. 123.

Fig. 124.

Fig. 125.

Fig. 126.

Fig. 127.

| | | | |
|---|---|---|---|
| **Scrapers** for bone, sinuses, etc.,— | | | |
| Durham's (*Fig.* 122) . . . . . each | 0 | 8 | 6 |
| Jacobson's, with oval ends (*Fig.* 123) . . . ,, | 0 | 7 | 6 |
| Ditto, with pear-shaped ends (*Fig.* 124) . . ,, | 0 | 7 | 6 |
| Lister's . . . . . ,, | 0 | 6 | 6 |
| Lupus, short models for Lupus of Nose, etc. . ,, | 0 | 4 | 6 |
| Ditto, the set of 5, with Lupus Lancet in case . . | 1 | 7 | 6 |
| St. Thomas's pattern (*Fig.* 125) . . . . each | 0 | 8 | 6 |
| Volkmann's oval (*Fig.* 126), long or short . . ,, | 0 | 5 | 6 |
| Ditto round (*Fig.* 127), ditto . . . . ,, | 0 | 5 | 6 |

## Minor Operation and Hernia Instruments, *continued.*

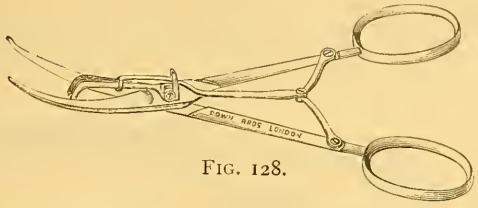


Fig. 128.

| | £ | s. | d. |
|---|---|---|---|
| **Skin Grafting Scissors** (*Fig.* 128), in case . . | 1 | 7 | 6 |
| **Suture Silk, Wire, etc.** (*see pages* 11, 12). | | | |
| **Suture Needles, etc.** (*see pages* 12–14). | | | |

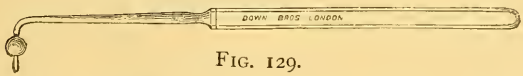


Fig. 129.

| | | | |
|---|---|---|---|
| **Wordsworth's Cautery**, for Nævi (*Fig.* 129) . each | 0 | 4 | 6 |

## NECROSIS, RESECTION, OSTEOTOMY, AND TREPHINING INSTRUMENTS.

### Trephining Cases.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set**, containing 3 Trephines, Trephine Brush, Hey's Skull Saw, Skull Forceps, Elevator, and Scalpel; in mahogany case . . . . . | 2 | 7 | 6 |
| **No. 2 Set**, containing 4 Trephines with screws at ends, Trephine Brush, Hey's Skull Saw, Skull Forceps, Elevator, Stout Silver Probe with flattened end, 1 Scalpel, and 1 Scalpel and Raspatory; in brass bound mahogany case . . . . . | 3 | 15 | 0 |
| **Awls**, for Bone Sutures . . . . . each | 0 | 5 | 6 |

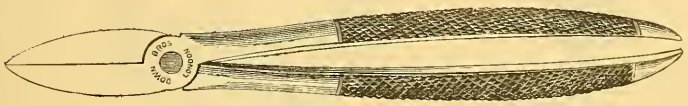


Fig. 130.

| | | | |
|---|---|---|---|
| **Bone Forceps,—** | | | |
| Fergusson's, straight (*Fig.* 130), or circular jaw . each | 0 | 9 | 6 |
| „ „ small . . . . . „ | 0 | 7 | 6 |

## Necrosis, Resection, Etc., Instruments, *continued.*

| Bone Forceps, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Fergusson's, curved right or left | each | 0 | 9 | 6 |
| „ curved on flat | „ | 0 | 9 | 6 |
| „ very powerful, with crank bend | „ | 1 | 17 | 6 |

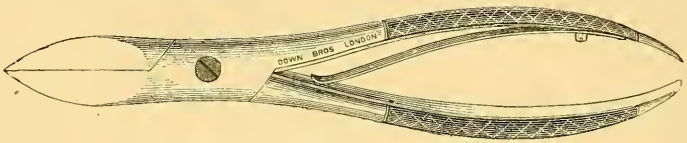


Fig. 131.

| | | | | |
|---|---|---|---|---|
| Liston's, with spring (*Fig.* 131), straight, curved, or curved on flat | each | 0 | 10 | 6 |
| Liston's, large, 12-inch angular, curved on flat | „ | 0 | 15 | 0 |
| Plain joint, small | „ | 0 | 5 | 6 |

*Nickel plated, 1s. each extra.*

Fig. 132.

Fig. 133.

Fig. 134.

| | | | | |
|---|---|---|---|---|
| **Chisels**, straight (*Fig.* 132) | each | 0 | 2 | 6 |
| With steel handles | „ | 0 | 3 | 6 |
| Strong (*Fig.* 133), 4 sizes | „ | 0 | 5 | 0 |
| MacEwen's (*Fig.* 134) | „ | 0 | 4 | 6 |
| Reeve's, graduated | „ | 0 | 8 | 0 |

## Necrosis, Resection, Etc., Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Directors** (*see also pages* 46 *and* 47),— | | | |
| With jointed handle for Resection . . . each | 0 | 13 | 6 |

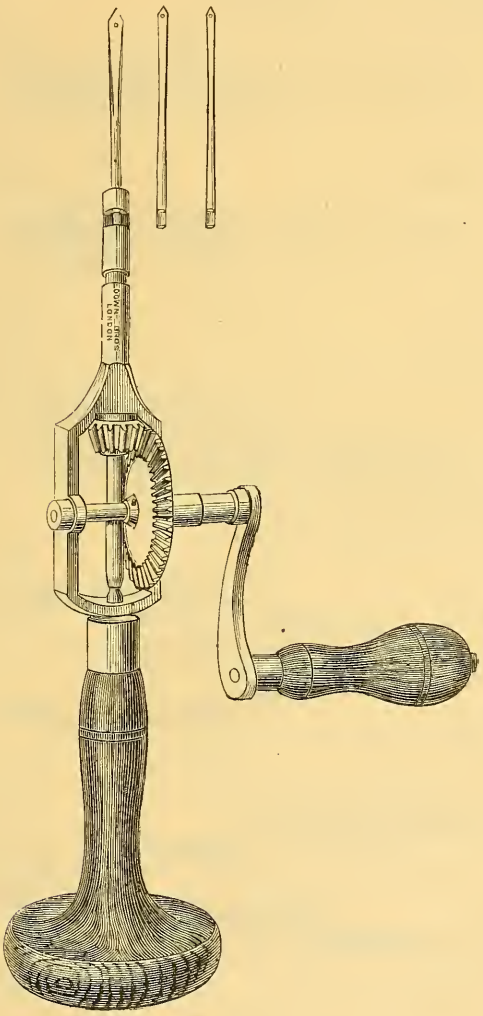

FIG. 135.

**Drill,** for Bone Sutures (*Fig.* 135), with set of 3 drills, each 1 5 6

## Necrosis, Resection, Etc., Instruments, *continued.*

Fig. 136.

| | £ | s. | d. |
|---|---|---|---|
| **Elevators,** double (*Fig.* 136) . . . . each | 0 | 2 | 3 |

Fig. 137.

| | | | |
|---|---|---|---|
| Ebony handles (*Fig.* 137) . . . . . each | 0 | 4 | 0 |

Fig. 138.

| | | | |
|---|---|---|---|
| **Gouges** (*Fig.* 138) . . . . . each | 0 | 2 | 6 |
| Strong . . . . . ,, | 0 | 3 | 6 |
| With steel handle . . . . . ,, | 0 | 3 | 6 |

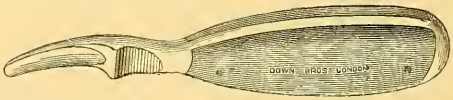


Fig. 139.

| | | | |
|---|---|---|---|
| With tang through handle (*Fig.* 139) . . . each | 0 | 7 | 6 |

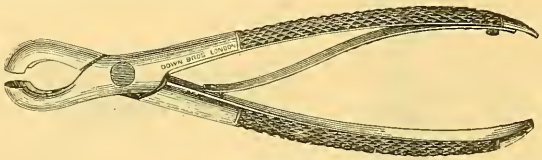


Fig. 140.

| | | | |
|---|---|---|---|
| **Gouge Forceps,** plain, straight (*Fig.* 140) . . each | 0 | 9 | 6 |

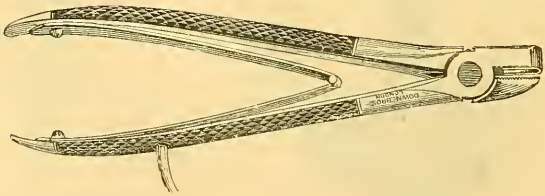

Fig. 141.

| | | | |
|---|---|---|---|
| Hoffman's plain, straight (*Fig.* 141) . . . each | 0 | 15 | 0 |
| ,, curved on flat, right or left curves . ,, | 0 | 15 | 0 |

## Necrosis, Resection, etc., Instruments, *continued.*

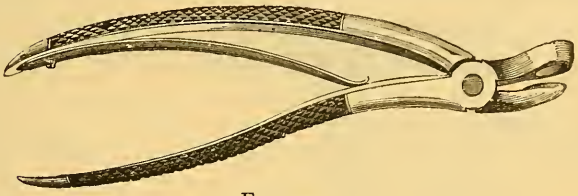

FIG. 142.

| | £ | s. | d. |
|---|---|---|---|
| **Gouge Forceps,** *continued,*— | | | |
| Hoffman's curved handles (*Fig.* 142) . . . each | 0 | 15 | 0 |
| **Ivory Pegs** for bone Sutures . . . per doz. | 0 | 4 | 0 |

FIG. 143.

| | | | |
|---|---|---|---|
| **Knives,**— | | | |
| Adams' Narrow, for use with saw (*Fig.* 143). . each | 0 | 4 | 6 |
| Marshall's Resection, with tang through handles, pointed, round pointed, and straight edged . . each | 0 | 4 | 6 |

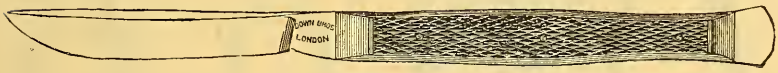


FIG. 144.

| | | | |
|---|---|---|---|
| **Tang Scalpel with Raspatory,** chequered ebony (*Fig.* 144) . . . . . each | 0 | 4 | 0 |

FIG. 145.

FIG. 146.

| | | | |
|---|---|---|---|
| **Lenticulars** (*Figs.* 145 *and* 146) . . . . each | 0 | 4 | 0 |

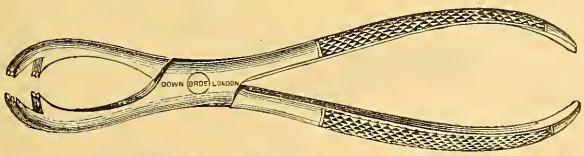


FIG. 147.

| | | | |
|---|---|---|---|
| **Lion Forceps,** Fergusson's (*Fig.* 147), each, 6*s.* 6*d.* and | 0 | 10 | 6 |

## Necrosis, Resection, etc., Instruments, *continued.*

Fig. 148.

| | £ | s. | d. |
|---|---|---|---|
| **Lion Forceps,** *continued,*— | | | |
| Willcox's spring, with catch (*Fig.* 148) . . . each | 0 | 12 | 6 |
| „ with fixing screw . . . . . „ | 0 | 12 | 6 |
| „ plain spring, without catch . . . „ | 0 | 6 | 6 |
| **Mallet** . . . . . „ | 0 | 2 | 0 |

Fig. 149.

Fig. 150.

Fig. 151.

Fig. 152.

| | | | |
|---|---|---|---|
| **Necrosis Forceps,** curved (*Fig.* 149) . . . each | 0 | 5 | 6 |
| Straight ditto (*Fig.* 150) . . . . . „ | 0 | 5 | 6 |
| With long jaws and fine points (*Fig.* 151) . . „ | 0 | 8 | 6 |
| Mason's, with shark's teeth (*Fig.* 152) . . . „ | 0 | 9 | 6 |

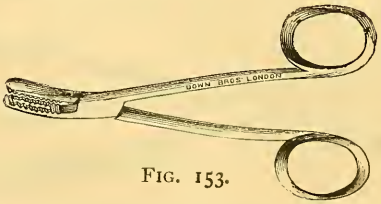


Fig. 153.

| | | | |
|---|---|---|---|
| **Onychia Forceps,** Bow handles (*Fig.* 153) . . each | 0 | 5 | 6 |
| Spring handle . . . . . „ | 0 | 5 | 0 |

## Necrosis, Resection, etc., Instruments, *continued.*

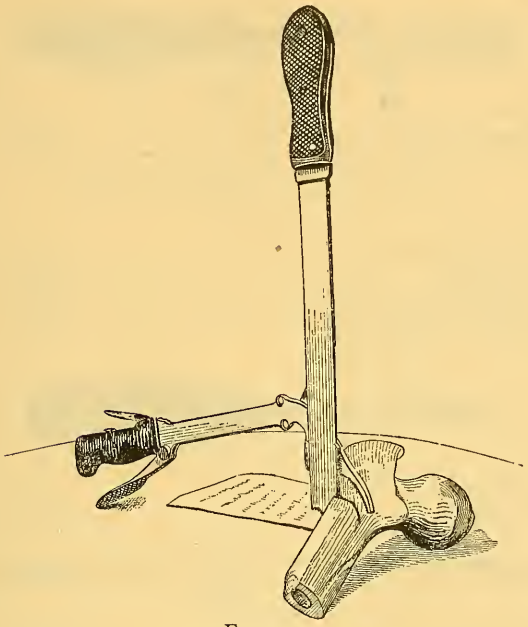

Fig. 154.

| | £ | s. | d. |
|---|---|---|---|
| **Osteotome**, Gowan's (*Fig.* 154) . . . . each | 4 | 4 | 0 |

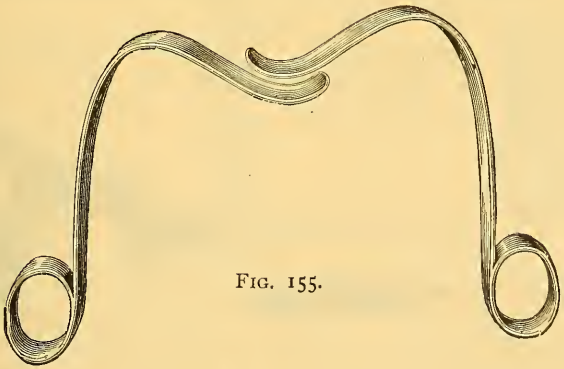

Fig. 155.

| | | | |
|---|---|---|---|
| Retractors, for use with same, for deep wounds (*Fig.* 155) each | 0 | 6 | 6 |

## Necrosis, Resection, etc., Instruments, *continued.*

FIG. 156.

| | £ | s. | d. |
|---|---|---|---|
| **Osteotribes**, Marshall's (*Fig.* 156) . . . each | 0 | 4 | 6 |

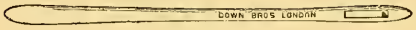


FIG. 157.

**Probes** (*see also page* 54),—

| | | | |
|---|---|---|---|
| Steel (*Fig.* 102) . . . . . each | 0 | 2 | 6 |
| Stout silver, with flattened end (*Fig.* 157), (for use with Trephine as Elevator) . . . . . each | 0 | 4 | 0 |

FIG. 158.

**Raspatories,**—

| | | | |
|---|---|---|---|
| Bryant's (*Fig.* 158) . . . . . each | 0 | 5 | 6 |

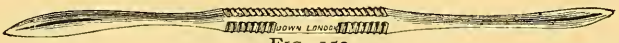


FIG. 159.

| | | | |
|---|---|---|---|
| Durham's (*Fig.* 159) . . . . . each | 0 | 5 | 6 |

FIG. 160.

| | | | |
|---|---|---|---|
| St. Thomas's pattern (160) . . . . . each | 0 | 5 | 6 |

*Nickel plated, 9d. each extra.*

**Retractors** (*see page* 25).

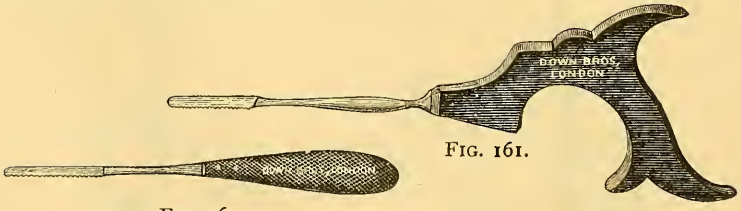


FIG. 161.

FIG. 162.

**Saws,**—

| | | | |
|---|---|---|---|
| Adams' Saw, for subcutaneous division of neck of femur, (*Fig.* 161), two sizes, for children and adults . each | 0 | 10 | 6 |
| Ditto, ditto, small pattern (*Fig.* 162) . . . „ | 0 | 6 | 6 |

## Necrosis, Resection, etc., Instruments, *continued.*

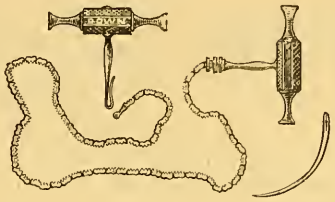

Fig. 163.

| | £ | s. | d. |
|---|---|---|---|
| **Saws,** *continued*,— | | | |
| Chain Saw, with guide (*Fig.* 163), in case . . each | 1 | 2 | 0 |

Fig. 164.

Fig. 165.

Fig. 166.

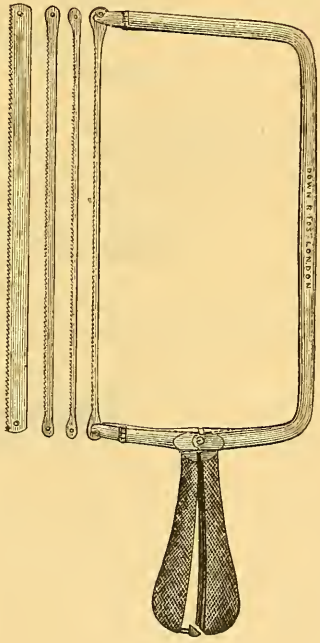

Fig. 167.

| | | | |
|---|---|---|---|
| Jaw Saws, Wood's (*Fig.* 164), four sizes, each, 9*s.* 6*d.*, 10*s.* 6*d.*, 11*s.* 6*d.*, and . . . . . | 0 | 12 | 6 |
| Keyhole Saw (*Fig.* 165) . . . . . each | 0 | 4 | 0 |
| Ditto, to fix at any angle, Hunter Mackenzie's (*Fig.* 166), each | 0 | 12 | 6 |
| Resection Saw, with revolving frame and spare blades (*Fig.* 167) . . . . . each | 1 | 10 | 0 |

## Necrosis, Resection, etc., Instruments, *continued.*

Fig. 168.

Fig. 169.

| | £ | s. | d. |
|---|---|---|---|
| **Saws,** *continued*,— | | | |
| Skull Saw, Hey's, rounded blade (*Fig.* 168) . . each | 0 | 4 | 0 |
| Ditto, ditto, straight blade (*Fig.* 169) . . . „ | 0 | 4 | 0 |

**Scoops, Bone** (*see Scrapers, pages 26 and 27*).

**Sinus Dilator,** Bigelow's (*see page 19*).

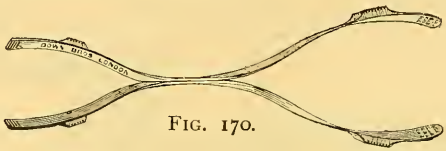

Fig. 170.

| | | | |
|---|---|---|---|
| **Skull Forceps** (*Fig.* 170) . . . . . each | 0 | 3 | 9 |
| **Toe-nail Forceps** . . . . . „ | 0 | 5 | 6 |
| „ „ **Nippers** . . . . . „ | 0 | 4 | 6 |

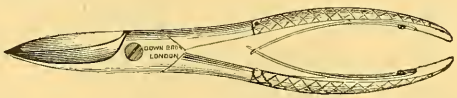

Fig. 171.

| | | | |
|---|---|---|---|
| **Toe-nail Scissors,** Eperle's, for in-growing toe-nail (*Fig.* 171) . . . . . each | 0 | 9 | 6 |

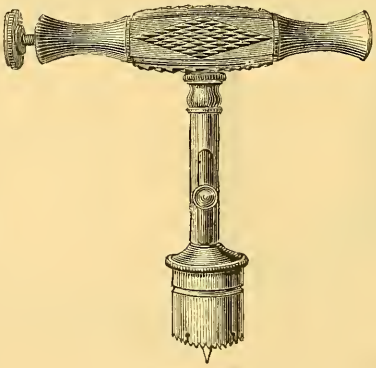

Fig. 172.

| | | | |
|---|---|---|---|
| **Trephines,** four sizes . . . . . each | 0 | 7 | 6 |
| With screw at end of handle, to avoid hurting of the hand in use (*Fig.* 172). . . . . each | 0 | 8 | 6 |
| American pattern . . . . . „ | 0 | 11 | 6 |
| **Trephine Brushes** . . . . . „ | 0 | 0 | 9 |

## POCKET DRESSING INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set**, containing Dressing Scissors, Bow Dressing Forceps, Spring Forceps, Caustic Case with Silver Quill, Spatula, Silver Probe, Bleeding Lancet, Needles and Silk; in leather case . | 0 | 18 | 6 |
| *With the blunt Instruments nickel plated, 2s. 3d. extra.* | | | |
| **No. 2 Set**, containing Dressing Scissors, Bow Dressing Forceps, Spring Forceps, Caustic Case with Silver Quill, Silver Probe, Director, Gum Lancet, Scalpel, and Abscess Lancet in skeleton handles, Needles and Silk; in leather case . | 1 | 6 | 6 |
| *With the blunt Instruments nickel plated, 2s. 3d. extra.* | | | |
| **No. 3 Set**, containing Dressing Scissors, Artery Forceps, Bow Dressing Forceps, Caustic Case with Silver Quill, Spatula, 2 Silver Probes, Director, Gum Lancet, Finger Knife, Tenaculum, Curved Bistoury, and Abscess Lancet in skeleton handles, Spring Forceps, Needles and Silk; in leather case . . . . . | 1 | 18 | 6 |
| *With the blunt Instruments nickel plated, 3s. extra.* | | | |
| **No. 4 Set** (Mr. Clutton's), containing Syme's and Paget's Knives, Double Curved Bistoury, Finger Knife and Scalpel, pair of Straight Scissors, Bryant's Dressing Forceps, Spencer Wells' Artery Forceps, Mason's Dissecting Forceps, Exploring Trocar, Double Scraper, Silver Caustic Case (palladium quill), Spatula with frænum slit, Aneurism Needle and Director, Silver-eyed Probe, Tablet of Silver Wire and Catgut, and Needles in morocco case . . . . . | 3 | 19 | 6 |
| *With the blunt Instruments nickel plated, 3s. 3d. extra.* | | | |
| **No. 5 Set** (Mr. R. Clement Lucas's), (*Fig.* 173), containing Large and Small Scalpels, Gum Lancet and Tenotomy Knife, Double Curved Bistoury, Double-edge Scalpel and Large Paget's Knife, Bryant's Torsion Forceps, Bow Dressing Forceps (serrated to joint), Dressing Scissors, Scissors Curved on Flat, Silver Trocar and Caustic Case (palladium quill), Spring Forceps, | | | |

## Pocket Dressing Instruments, *continued.*

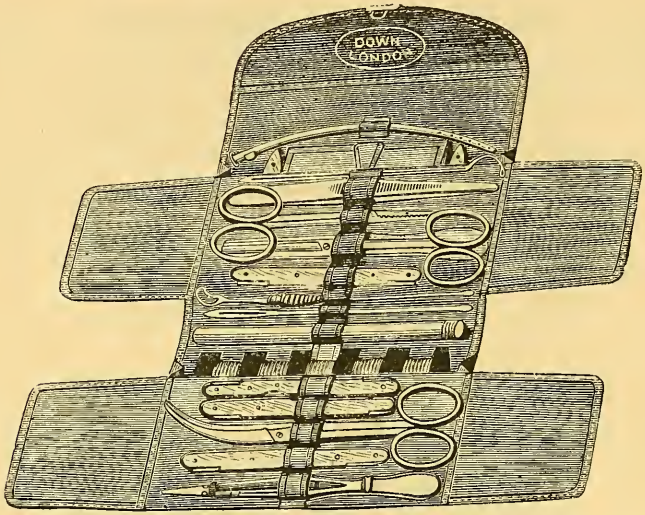


FIG. 173.

| | £ | s. | d. |
|---|---|---|---|
| Silver Female Catheter, Lucas' Steel Probe and Scoop, Silver Probe, Aneurism Needle and Director, 1 each Narrow and Broad Bleeding Lancets, Tablet of Silk and Wire, and Assortment of Needles; in morocco stitched case . | 4 | 18 | 0 |

*With the blunt Instruments nickel plated, 3s. 6d. extra.*

**No. 6 Set,** "Army Regulation," containing Syme's Knife and Double-edge Scalpel, Curved Probe and Sharp Straight Bistoury, Tenaculum and Gum Lancet with lock backs, Curved Scissors, Bow Dressing Forceps, Fenestrated Artery Forceps, Male and Female Silver Catheter with Caustic Case, Hypodermic Syringe, Clinical Thermometer, Aneurism Needle and Director, Spatula, 2 Silver Probes, 2 Bull Dog Forceps, 2 Bleeding Lancets, 6 Plated Needles, Silk and Wire; in morocco stitched case . . . 5 0 0

*With the blunt Instruments nickel plated, 3s. 9d. extra.*

**No. 7 Set** (Mr. Golding-Bird's), containing Double Curved Bistoury, Hernia Bistoury and Paget's Knife, Adams' Tenotomy and Gum Lancet, Special Scalpel with tortoise-shell Scraper at

**Pocket Dressing Instruments,** *continued.* £ s. d.

end, Hernia Director and Aneurism Needle, Bow Dressing Forceps (serrated to joint), Fenestrated Artery Forceps, Lawson Tait's Artery Forceps, Spring Forceps, Dressing Scissors with take-off joint, Steel Lupus Scraper, Silver Hydrocele Trocar and Caustic Case (palladium quill), Long Exploring Trocar in ivory case, Silver Female Catheter, Silver Director and Ear Scoop, 2 Silver Probes, Gilt Sinus Probe, 2 Hare-lip Pins, Tablet of Silk and Wire, and Assortment of Needles; in morocco stitched case . . . . . 5 10 6

In russia case . . . . . 5 16 6

*With the blunt Instruments nickel plated, 3s. extra.*

**No. 8 Set** (Mr. Jacobson's), containing Double Curved Bistoury, Large and Small Scalpels, Syme's and Paget's Knives, Bryant's Dressing Forceps, Spring Forceps, Bryant's Torsion Forceps, Fenestra Artery Forceps, Spencer Wells' Artery Forceps, Dressing Scissors (blunt points), Scissors curved on flat, Silver Trocar and Caustic Case (palladium quill), Belloc's Sound for Epistaxis, Double Instrument for removing foreign bodies from the Eye, Steel Spade Director, Director and Aneurism Needle, Silver Female Catheter, 2 Silver Probes, 3 Hare-lip Pins, Tablet of Silk and Wire, and assortment of Needles; in morocco stitched case . . . . . 5 13 6

*With the blunt Instruments nickel plated, 4s. 6d. extra.*

**No. 9 Set** (Mr. Bryant's), containing Straight Sharp and Probe Curved Bistouries, Double-edge Scapel and Bryant's Abscess Knife, Adams' Tenotomy and Gum Lancet, Special Scalpel with tortoise-shell scraper end, Bryant's Torsion Forceps, Bow Dressing Forceps (serrated to joint), Fenestrated Artery Forceps, Straight Dressing Scissors, Bryant's Angular Sinus Scissors, Spring Forceps, Steel Lupus Scraper, Double Instrument for removing foreign bodies from the eye, Grooved Exploring Needle, Silver Female Catheter, Silver Caustic Case with palladium quill, and Trocar grooved to point,

**Pocket Dressing Instruments,** *continued.* £ s. d.

Aneurism Needle and Director, Silver Grooved Probe, 2 Silver Probes, Gilt Sinus Probe, Tablet of Silk and Wire, and Assortment of Needles; in morocco stitched case . . . . . 6 6 6

In russia case . . . . . 6 12 6

*With the blunt Instruments nickel plated, 4s. 6d. extra.*

**No. 10 Set,** "Navy Regulation," containing Probe and Sharp Curved Bistouries, Syme's and Paget's Knives, Gum Lancet and Tenaculum, Scalpel and Finger Knife, Dressing Forceps, Artery Forceps, Dressing Scissors, Silver Caustic Holder, Exploring Needle, Plated Spatula, Silver Director, Silver Probe, Needles and Silk; in morocco case . . . . . 3 11 6

*With the blunt Instruments nickel plated, 2s. 3d. extra.*

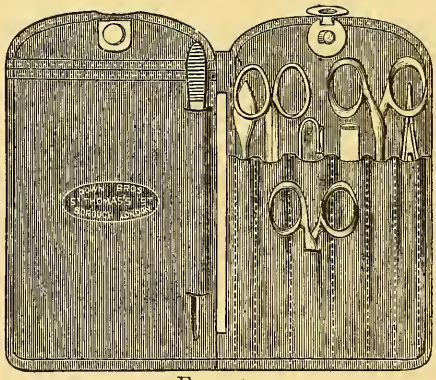

Fig. 174.

**No. 11 Set** (Mr. H. P. Symonds' of Oxford), (*Fig.* 174), containing Four-bladed Knife with German-silver handle (Blunt and Sharp Curved Bistouries, Finger Knife, and Paget's Knife), Lund's Spring Forceps with scraper end, Liston's Artery Forceps, Spencer Well's Artery Forceps, pair small ditto (3 inch), Straight Dressing Scissors, Steel Director, Steel Probe and Scraper, 3 Needles threaded Catgut, 3 ditto threaded Wire, 3 ditto threaded Silk, in separate envelopes, the whole of blunt instruments nickel plated, in neat very flat morocco case for breast pocket . . . . . 2 14 0

## Pocket Dressing Instruments, *continued.*

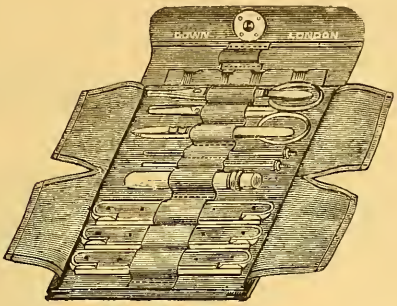


Fig. 175.

| | £ | s. | d. |
|---|---|---|---|
| **No. 12 Set,** "Miniature" (*Fig.* 175), containing Syme's Knife and Gum Lancet, Double Bistoury, Scalpel and Finger Knife with lock backs, Silver Caustic Case, Spring Forceps, Liston's Artery Forceps, Dressing Scissors, Probe, Grooved Needle, and Director, with Tablet of Silk and Wire and Needles; in russia case . | 2 | 13 | 6 |

*With the blunt Instruments nickel plated, 2s. 3d. extra.*

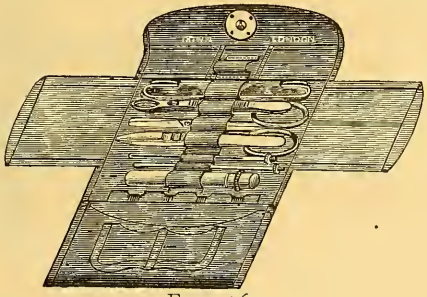


Fig. 176.

| | | | |
|---|---|---|---|
| **No. 13 Set,** "Miniature" (*Fig.* 176), containing Scalpel and Paget's Knife, Fenestra Artery Forceps, Spring Forceps, Dressing Scissors, Silver Caustic Case, Probe, Grooved Needle and Director, Tablet of Silk, Wire and Needles; in russia case . . . . . | 2 | 2 | 0 |

*With the blunt Instruments nickel plated, 2s. 3d. extra.*

## Pocket Dressing Instruments, *continued.*

### Artery Forceps (*see pages* 8–10).

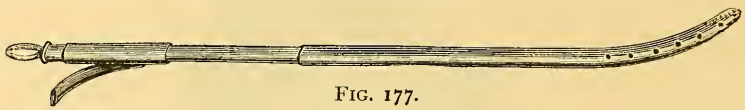

Fig. 177.

| Catheters,— | £ | s. | d. |
|---|---|---|---|
| Female, electro-plated (*Fig.* 177). . . . each | 0 | 3 | 9 |
| „ silver, hall-marked . . . . . „ | 0 | 5 | 6 |

Fig. 178.

| | | | |
|---|---|---|---|
| Female, silver, hall-marked, with slide (*Fig.* 178) . each | 0 | 6 | 6 |
| „ „ „ „ and stopcock. „ | 0 | 7 | 6 |
| Male and Female, combined, silver, hall-marked . „ | 0 | 12 | 0 |

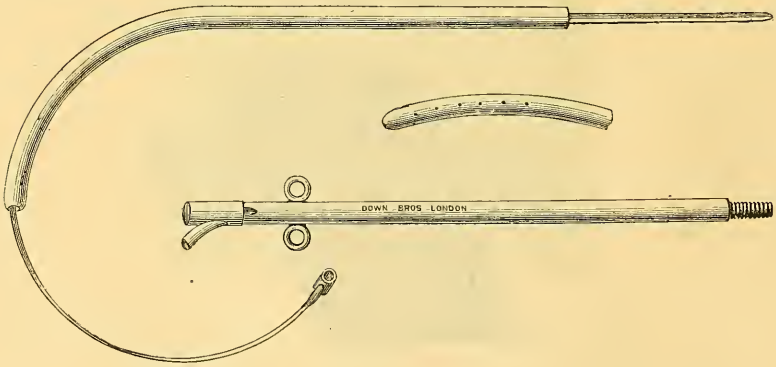


Fig. 179.

| | | | |
|---|---|---|---|
| Ditto, ditto, with Epistaxis Plug (*Fig.* 179) . . each | 0 | 16 | 6 |
| Ditto, ditto, with Caustic Case, "Army Regulation" „ | 0 | 18 | 6 |

### Caustic Cases,—

*The Cases kept in stock are made to take No.* 4 *Caustic, unless otherwise specified.*

| | | | |
|---|---|---|---|
| Celluloid, with gilt quill (*Fig.* 180) . . . each | 0 | 3 | 0 |
| Ebony, with gilt quill (*Fig.* 180) . . . . „ | 0 | 2 | 8 |
| Electro-plated (*Fig.* 181) . . . . . „ | 0 | 3 | 0 |
| Silver, with gilt quill, hall-marked, short, 2-inch . „ | 0 | 7 | 6 |

## Pocket Dressing Instruments, *continued.*

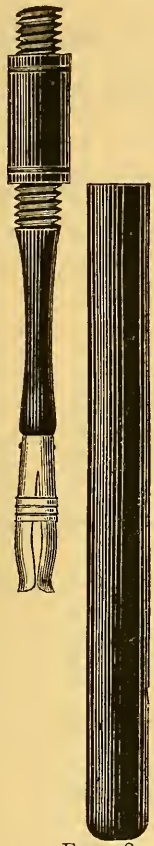

Fig. 180.

Fig. 181.

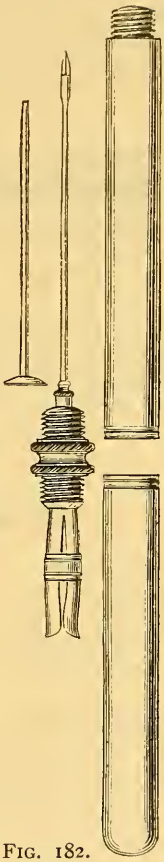

Fig. 182.

**Caustic Cases,** *continued*,—

| | | £ | s. | d. |
|---|---|---|---|---|
| Silver, with palladium quill (*Fig.* 181) . . . | each | 0 | 9 | 6 |
| ,, ditto, and Exploring Trocar (*Fig.* 182) . | ,, | 0 | 16 | 6 |
| ,, ditto, and Hydrocele Trocar . . . | ,, | 0 | 18 | 6 |
| ,, ditto, and Bryant's Grooved Exploring Trocar | each | 1 | 1 | 0 |

Fig. 183.

Silver, Ophthalmic, to take No 7 points (*Fig.* 183) each 0 13 6

## Pocket Dressing Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Caustic Cases,** *continued,*— | | | |
| Vulcanite . . . . . each | 0 | 1 | 3 |
| „ with silver quill . . . . . „ | 0 | 2 | 8 |
| „ ditto, as used in Ophthalmic Department, St. Thomas's . . . . . each | 0 | 1 | 3 |

| | | | |
|---|---|---|---|
| **Caustic Points,** No. 4, toughened, for use with above . . . . . per doz. | 0 | 7 | 6 |
| Nos. 5, 6, and 7, ditto, ditto . . . „ | 0 | 7 | 6 |
| No. 12, ditto for "Army Regulation" Case . „ | 0 | 8 | 6 |
| "Mitigated" (in sizes 4 and 5) . . . „ | 0 | 6 | 0 |
| Various (in sizes 4 and 5), Copper Sulph., Iron Sulph., Lapis Divinus, Caustic Potass., and Potass. c. Calc. per doz. | 0 | 4 | 0 |

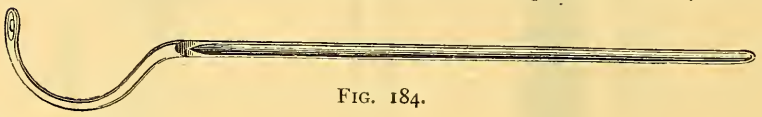

FIG. 184.

**Directors,**—

| | | | |
|---|---|---|---|
| Aneurism Needle and Director (*Fig.* 184), plated each | 0 | 2 | 0 |
| Ditto, ditto, steel . . . . . „ | 0 | 3 | 6 |

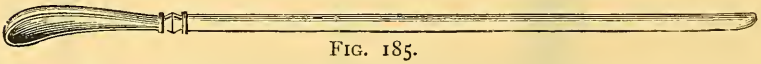

FIG. 185.

| | | | |
|---|---|---|---|
| Ear Scoop and Director (*Fig.* 185), each, plated, 1*s.* 6*d.*; silver | 0 | 3 | 6 |
| Fistula, Allingham's . . . . . each | 0 | 2 | 6 |

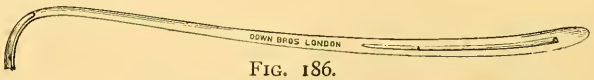


FIG. 186.

| | | | |
|---|---|---|---|
| Hernia Director and Aneurism Needle (*Fig.* 186), each | 0 | 5 | 0 |

FIG. 187.

| | | | |
|---|---|---|---|
| St. Thomas's pattern (*Fig.* 187), open or closed at end, steel . . . . . each | 0 | 3 | 6 |

## Pocket Dressing Instruments, *continued.*

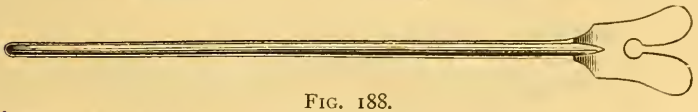

Fig. 188.

**Directors,** *continued*,— £ s. d.

With Guard and Frænum Slit (*Fig.* 188), each, plated, 3*s.* 6*d.*; silver . . . . . o 5 o

Ditto, ditto, steel . . . . . each o 3 6

*Steel Directors, Nickel plated, 9d. each extra.*

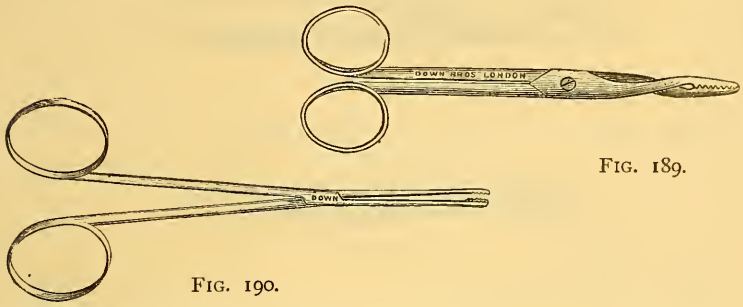


Fig. 189.

Fig. 190.

**Dressing Forceps,**—

Bow handles (*Fig.* 189), each, 4½-in. 2*s.* 6*d.*; 5-in. . o 3 o

„ fine points, Lister's Sinus (*Fig.* 190), each, 5-in. . . . . o 3 6

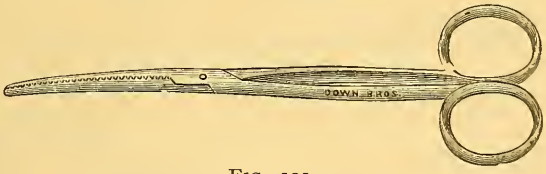


Fig. 191.

Bow handles, serrated to joints (Bryant's) (*Fig.* 191), each, 4½-in. 3*s.*; 5-in. . . . o 3 6

Fig. 192.

Spring (*Fig.* 192) . each, 3-in. 1*s.* 6*d.*; 4½ and 5-in. o 2 o

„ Fluted handles, nickel plated, each, 3-in. 2*s.* 6*d.*; 4½ and 5-in. . . . . o 3 o

## Pocket Dressing Instruments, *continued.*

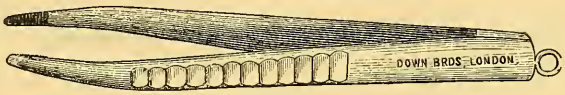


FIG. 193.

**Dressing Forceps,** *continued*,— £ s. d.

Spring, Fluted handles, with ring (*Fig.* 193) for attaching to chatelaine, 5-in. . . . . each 0 3 6

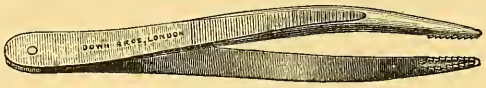


FIG. 194.

Spring, Mason's "shark's teeth" (Fig. 194), 5-in. . each 0 2 3

FIG. 195.

Spring, Splinter (*Fig.* 195) . . . . . each 0 3 0

FIG. 196.

Spring, Suture, Clover's (*Fig.* 196) . . . each 0 3 0

*Nickel plated, 9d. each extra.*

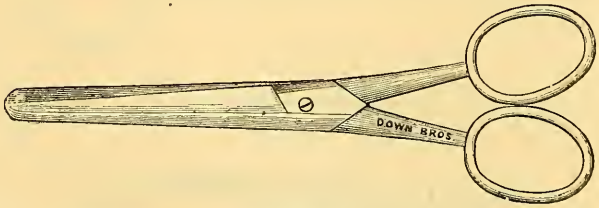


FIG. 197.

**Dressing Scissors,**—

With one point sharp or both points blunt (*Fig.* 197), $4\frac{1}{2}$-in. 1*s.* 9*d.*; 5-in., 2*s.* 3*d.*; $5\frac{1}{2}$-in. . . . 0 2 6

"Close shank," with one point sharp or both points blunt (*Fig.* 198) . . . . 4 and $5\frac{1}{2}$-in. 0 2 6

## Pocket Dressing Instruments, *continued.*

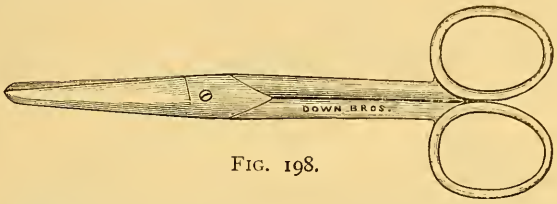


Fig. 198.

| Dressing Scissors, *continued*,— | £ | s. | d. |
|---|---|---|---|
| "Close Shank," with button points, 5-in. . . each | 0 | 2 | 6 |
| Ditto, take-off joints, Golding-Bird's . . „ | 0 | 3 | 6 |
| Bryant's Sinus . . . . . „ | 0 | 9 | 0 |

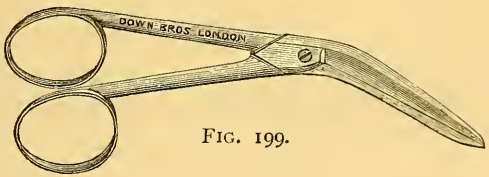


Fig. 199.

Curved (*Fig.* 199) . . each, $4\frac{1}{2}$-in. 3*s.*; 5-in. 0 3 6

Fig. 200.

Curved on Flat, Lucas's pattern (*Fig.* 200), 5-in., each 0 5 0

*Nickel plated shanks, 9d. each extra.*

**Ear Instruments,** for removing foreign bodies from the Ear (*see pages* 123, 124).

Fig. 201.

**Exploring Needles,** grooved, in ivory cases (*Fig.* 201) each 0 2 6

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## Pocket Dressing Instruments, *continued.*

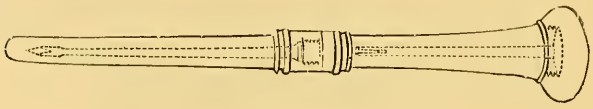


FIG. 202.

| | £ | s. | d. |
|---|---|---|---|
| **Exploring Trocars,** in ivory cases (*Fig.* 202), four sizes, each | 0 | 5 | 0 |

FIG. 203.

| | | | |
|---|---|---|---|
| **Eye, Double Instrument** for removing foreign bodies from (Needle and Scoop or Spud and Scoop) (*Fig.* 203), in ivory case . . . . each | 0 | 7 | 6 |

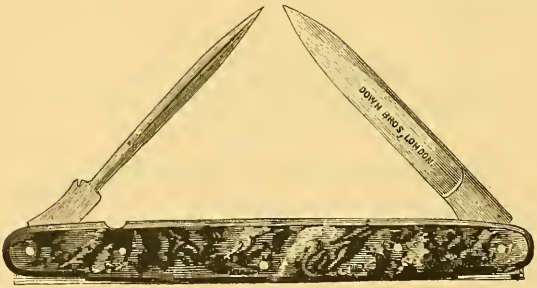



FIG. 204.

| | | | |
|---|---|---|---|
| **Knives, etc., Double, with lock backs,—** | | | |
| Adams' Tenotomy Knife and Gum Lancet . . each | 0 | 7 | 6 |
| Aneurism Needle and Tenaculum . . . „ | 0 | 7 | 6 |
| Bistoury, curved blunt and curved sharp . . „ | 0 | 7 | 6 |
| „ straight sharp and curved blunt . . „ | 0 | 7 | 6 |
| Bryant's Abscess Knife and double-edge Scalpel (*Fig.* 204) . . . . . each | 0 | 8 | 6 |
| Finger Knife and Scalpel . . . . . „ | 0 | 7 | 6 |
| Hernia Knife and straight blunt Bistoury . . „ | 0 | 8 | 6 |
| „ and Paget's Knife . . . . „ | 0 | 8 | 6 |
| Lucas's Tenotomy Knife and Gum Lancet (*Fig.* 205), each | 0 | 8 | 6 |

## Pocket Dressing Instruments, *continued.*

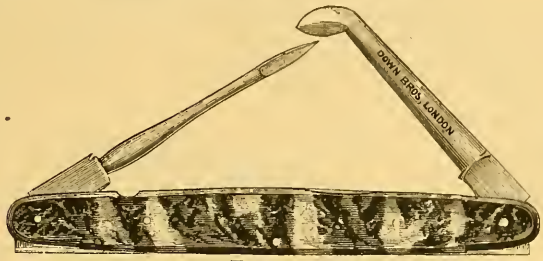



Fig. 205.

| Knives, etc., Double, with lock backs, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Nævus Needle and Aneurism Needle . . . each | 0 | 7 | 6 |
| Paget's Knife and double-edge Scalpel . . „ | 0 | 7 | 6 |
| „ „ and Syme's Knife . . . . „ | 0 | 7 | 6 |
| Scalpel, double edge and single edge . . . „ | 0 | 7 | 6 |
| „ large and small . . . . . „ | 0 | 7 | 6 |
| Syme's Knife and curved sharp Bistoury . . „ | 0 | 7 | 6 |
| „ „ and double-edge Scalpel . . „ | 0 | 7 | 6 |
| „ „ and Gum Lancet . . . . „ | 0 | 7 | 6 |
| Tenaculum and Gum Lancet . . . . „ | 0 | 7 | 6 |

*Cases for Double Instruments, each* 1s.

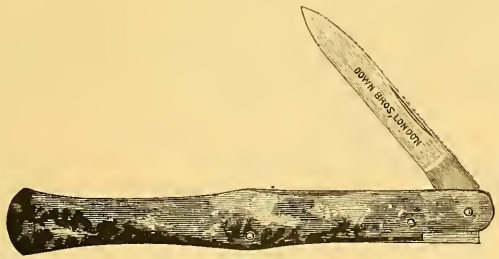



Fig. 206.

| Knives, etc., Single, with lock backs,— | | | |
|---|---|---|---|
| Bistouries, curved, sharp or blunt . . . each | 0 | 4 | 6 |
| „ straight, sharp or blunt . . . „ | 0 | 4 | 6 |
| Gum Lancets . . . . . „ | 0 | 4 | 6 |
| Hernia Bistouries . . . . . „ | 0 | 5 | 6 |
| Needles, Aneurism or Nævus . . . . „ | 0 | 4 | 6 |
| Paget's Knives . . . . . „ | 0 | 4 | 6 |
| Scalpels, double or single edge . . . . „ | 0 | 4 | 6 |
| „ single edge, with tapering handle, to use as a scraper (*Fig.* 206) . . . . each | 0 | 5 | 6 |
| Tenaculums . . . . . „ | 0 | 4 | 6 |

*Cases for Single Instruments, each* 9*d.*

## Pocket Dressing Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Knives, etc., Single, with skeleton handles,—** | | | |
| Bistouries, curved, sharp or blunt . . per doz. | 1 | 19 | 0 |
| ,, straight, sharp or blunt . . ,, | 1 | 19 | 0 |
| Gum Lancets . . . . . ,, | 1 | 10 | 0 |
| Paget's Knives . . . . . ,, | 1 | 13 | 0 |
| Scalpels . . . . . ,, | 1 | 13 | 0 |
| Seton Needles . . . each, 3*s.*; with spring eyes | 0 | 3 | 6 |
| Syme's Knives . . . . . per doz. | 1 | 13 | 0 |
| Tenaculums . . . . . ,, | 1 | 10 | 0 |

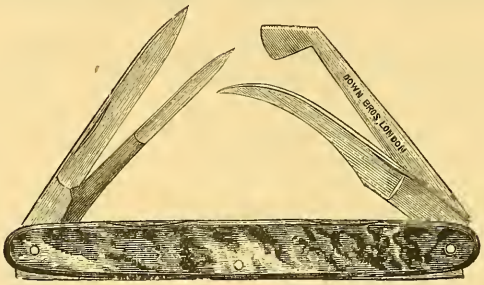



FIG. 207.

**Knives, Four-blade,—**

Surgeon's Pocket, consisting of Syme's and Paget's Knives, Gum Lancet, and pen blade (*Fig.* 207), each 0 10 6

Ditto, consisting of Syme's and Paget's Knives and single and double-edge Scalpels . . . each 0 12 0

*In cases,* 1*s.* 6*d. each extra.*

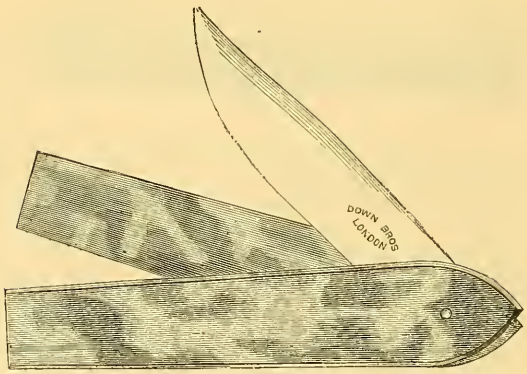



FIG. 208.

**Lancets, Abscess** (*Fig.* 208) . . . per doz. 1 4 0

## Pocket Dressing Instruments, *continued.*

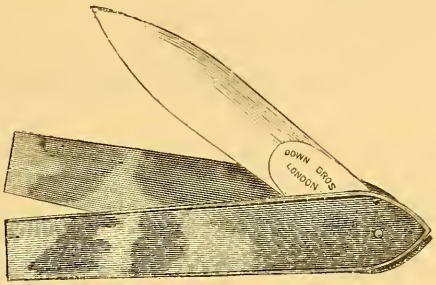



Fig. 209.

| | £ | s. | d. |
|---|---|---|---|
| **Lancets, Bleeding** (*Fig.* 209) . . . per doz. | 0 | 15 | 0 |
| **Lancet Cases,—** | | | |
| Morocco, for Abscess Lancets . . . „ | 0 | 4 | 6 |
| „ for Bleeding Lancets, per doz., 1-hole, 2*s.* 6*d.*; 2-hole, 3*s.* 6*d.*; 3-hole, 5*s.* 6*d.*; 4-hole, 6*s.*; 6-hole | 0 | 10 | 6 |
| Silver, hall-marked, ditto, each, 2-hole, 15*s.*; 4-hole . | 0 | 17 | 6 |
| „ „ „ engine-turned, each, 2-hole, 22*s.* 6*d.*; 4-hole . . . . . | 1 | 7 | 6 |

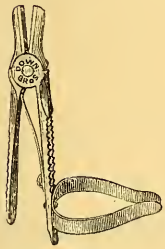


Fig. 210.

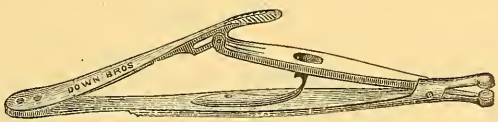



Fig. 211.

**Needle Holders** (*see also pages* 275–277).

| | | | |
|---|---|---|---|
| Galekowski's portable (*Fig.* 210) . . . each | 0 | 5 | 0 |
| Spring (*Fig.* 211), each 13*s.* 6*d.*; with Ivory end „ | 0 | 15 | 0 |

*Nickel plated, 9d. each extra.*

| | | | |
|---|---|---|---|
| **Nurse's Chatelaines,** 4 chains, nickel plated . each | 0 | 5 | 6 |
| Ditto, 6 chain ditto . . . . . „ | 0 | 6 | 6 |
| **Nurse's Sabretasches,** registered pattern . . „ | 0 | 8 | 6 |
| **Pocket Cases, Empty,—** | | | |
| Morocco, for double instruments, 2-fold, each, 9*s.*, 10*s.* 6*d.*, and . . . . . | 0 | 12 | 0 |
| Ditto, ditto, 3-fold . . . . . each | 0 | 15 | 0 |
| Pigskin, 2-fold . . . . . „ | 0 | 15 | 6 |

## Pocket Dressing Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Pocket Cases, Empty,** *continued,*— | | | |
| Russia, ditto, 2-fold, 18*s.*; and 3-fold . . . . . | 1 | 2 | 0 |
| For single instruments, 2-fold, each, 3*s.* 9*d.* and 6*s.*; 3-fold | 0 | 7 | 6 |

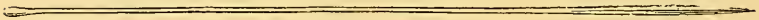


FIG. 212.

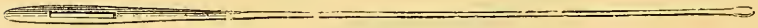


FIG. 213.

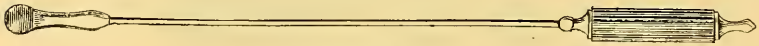


FIG. 214.

| | | | | |
|---|---|---|---|---|
| **Probes,**— | | | | |
| Silver (*Figs.* 212 and 213), 5-in . . . . each | 0 | 0 | 10 | |
| „ (as *Fig.* 213), grooved, 5-in. . . . „ | 0 | 2 | 0 | |
| „ with loop end, Mason's, 5-in. . . . „ | 0 | 1 | 9 | |
| Bullet, Nélaton's (*Fig.* 214), 5-in. . . . „ | 0 | 3 | 4 | |
| Sinus, Flexible, 5-in. . . . . „ | 0 | 1 | 9 | |
| „ Golding-Bird's, 5-in. . . . . „ | 0 | 1 | 0 | |

FIG. 215.

FIG. 216.

FIG. 217.

FIG. 218.

| | | | |
|---|---|---|---|
| Steel, with handle (*Fig.* 215), 5-in. . . . each | 0 | 2 | 6 |
| „ Lucas's, with Scoop for sebaceous cysts, etc., 5-in., (*Fig.* 216) . . . . . each | 0 | 3 | 0 |
| „ Symonds', with Scraper end (*Fig.* 217), nickel plated, 5-in. . . . . each | 0 | 3 | 6 |
| With Grooved Needle and Director combined, 3-in. (*Fig.* 218) . . . . . each | 0 | 3 | 6 |
| **Spatulas,**— | | | |
| Electro-plated, 4½ and 5-in. (*Fig.* 219) . . . „ | 0 | 1 | 6 |
| „ with Frænum Slits. . . . „ | 0 | 2 | 0 |
| „ with ring for attaching to Chatelaine (*Fig.* 220) . . . . each | 0 | 2 | 3 |

## Pocket Dressing Instruments, *continued.*

Fig. 219.

| | £ | s. | d. |
|---|---|---|---|
| **Spatulas,** *continued,*— | | | |
| Silver, hall-marked (as *Fig.* 219) . . . . each | 0 | 9 | 0 |

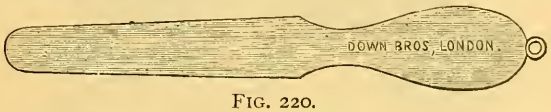



Fig. 220.

Fig. 221.

| | | | |
|---|---|---|---|
| Steel, nickelled, Golding-Bird's, also used as a Lupus Scraper, etc. (*Fig.* 221) . . . . . each | 0 | 3 | 0 |
| **Suture Needles** (*see page* 7). | | | |
| **Suture Silk, etc.** (*see page* 7). | | | |
| **Vulcanite Cases** for carrying Catgut . . . ,, | 0 | 3 | 6 |

## VACCINATION INSTRUMENTS.

| | | | |
|---|---|---|---|
| **No. 1 Set,** consisting of 2 Bleeding Lancets, Ivory Points, Capillary Tubes, 3 Small Glass Slides, spaces for matches and charged tubes and points in morocco case | 0 | 9 | 6 |
| **No. 2 Set,** consisting of Cooper Rose's Vaccinator, Ivory Points, Capillary Tubes, 3 Small Glass Slides, spaces for matches and charged tubes and points . . . . . in morocco case | 0 | 15 | 6 |
| **No. 3 Set,** consisting of Spratley's Vaccinator, with Capillary Tubes, and space for charged tubes in case | 0 | 5 | 6 |
| **No. 4 Set,** consisting of Weir's Vaccinator, with Capillary Tubes, and space for charged tubes, in case | 0 | 5 | 6 |
| **Spare Cases** for Badcock's, Spratley's, Stevens', and Weir's Lancets. . . . . each | 0 | 0 | 6 |

## Vaccination Instruments, *continued.*

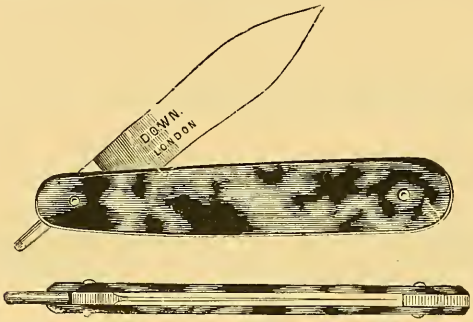



FIG. 222.

| Vaccinators,— | £ | s. | d. |
|---|---|---|---|
| Badcock's Lancet (*Fig.* 222) . . . . each | 0 | 2 | 0 |

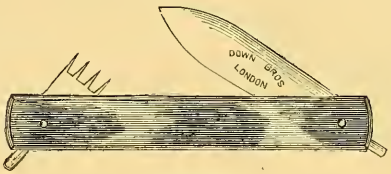



FIG. 223.

| | | | |
|---|---|---|---|
| Badcock's Double (*Fig.* 223) . . . . each | 0 | 3 | 6 |
| ,, Set of 3 ivory points . . . . ,, | 0 | 1 | 6 |
| Bleeding Lancet (*Fig.* 209) . . . . . ,, | 0 | 1 | 3 |

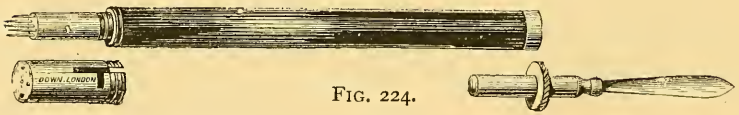



FIG. 224.

| | | | |
|---|---|---|---|
| Cooper Rose's Instrument (*Fig.* 224) . . . each | 0 | 8 | 6 |
| Ditto, ivory handle to contain tubes (without spatula), each | 0 | 5 | 6 |

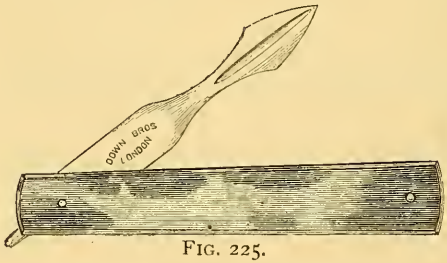



FIG. 225.

## Vaccination Instruments, *continued.*

| Vaccinators, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Grooved Vaccine Lancets (*Fig.* 225) . . . each | 0 | 2 | 0 |
| Hilliard's "Compass Pen" Vaccinator. . . . „ | 0 | 10 | 6 |

Fig. 226.

Loane's Vaccinator (*Fig.* 226) . . . . each 0 10 6

Fig. 227.

Shortt's Needle Vaccinator (*Fig.* 227) . . . each 0 5 0

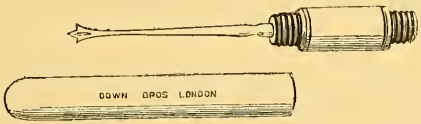



Fig. 228.

Spratley's Needle Vaccinator (*Fig.* 228) . . each 0 3 6

Fig. 229.

Stevens' Vaccinator (*Fig.* 229) . . . . each 0 4 6
„ „ Set of 2, in case . . . „ 0 12 6

Fig. 230.

Weir's Needle Vaccinator (*Fig.* 230) . . . each 0 3 6

## Vaccination Instruments, *continued.*

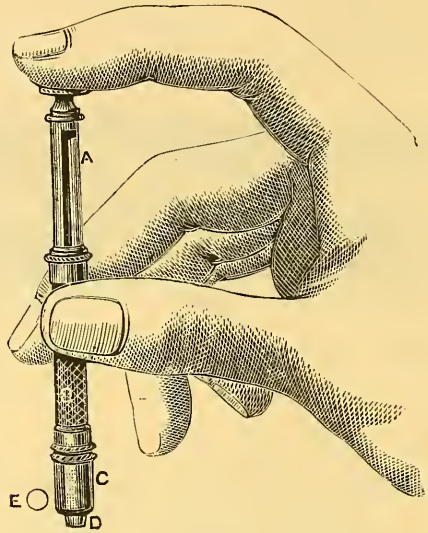



Fig. 231.

| | £ | s. | d. |
|---|---|---|---|
| **Vaccinators,** *continued*,— | | | |
| Worlomont's Vaccinator (*Fig.* 231) . . . each | 1 | 5 | 0 |
| **Vaccine Bottles** . . each, 1*s.* 6*d.*, in cases | 0 | 2 | 0 |
| **Vaccine Lymph**,— | | | |
| In tubes . . . . . per doz. | 0 | 12 | 0 |
| On points . . . . . ,, | 0 | 3 | 0 |
| Calf, in tubes . . . . each, 1*s.* 3*d.* and | 0 | 2 | 6 |
| **Vaccine Points**,— | | | |
| Ivory . . . per 100, 1*s.* 6*d.*, 2*s.* 6*d.*, 4*s.*, and | 0 | 5 | 0 |
| Sykes' Case for drying Vaccine Points, to contain 2 doz. complete . . . . . | 0 | 4 | 6 |
| **Vaccine Tubes** . . . . . per 100 | 0 | 0 | 6 |
| Husband's . . . . . ,, | 0 | 1 | 0 |

## MOUTH, CLEFT PALATE, AND HARE-LIP INSTRUMENTS.

FIG. 232.

FIG. 233.

FIG. 234.

FIG. 235.

| | £ | s. | d. |
|---|---|---|---|
| **Awls,—** | | | |
| Fergusson's, straight (*Fig.* 232) . . . . each | 0 | 3 | 0 |
| „ curved (*Fig.* 233) . . . . „ | 0 | 3 | 0 |
| **Broach,** Fergusson's (*Fig.* 234) . . . . „ | 0 | 3 | 0 |
| **Chisels,** Fergusson's, for penetrating the hard palate (*Fig.* 235) . . . . . each | 0 | 4 | 6 |

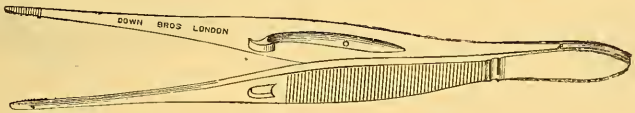



FIG. 236.

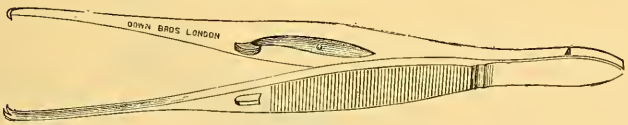



FIG. 237.

FIG. 238.

| | | | |
|---|---|---|---|
| **Forceps,—** | | | |
| Long spring, serrated points, without catch, 4*s.* 6*d.*; with catch (*Fig.* 236) . . . . | 0 | 5 | 6 |
| „ tenaculum points, without catch, 4*s.* 6*d.*; with catch (*Fig.* 237) . . . . | 0 | 5 | 6 |
| „ double fine tenaculum points (*Fig.* 238) each | 0 | 5 | 6 |

## Mouth, Cleft Palate, etc., Instruments, *continued.*

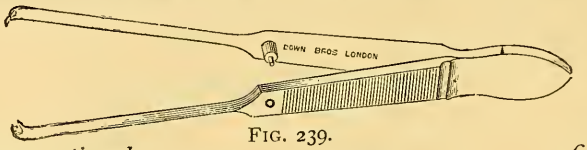



Fig. 239.

| | £ | s. | d. |
|---|---|---|---|
| **Forceps,** *continued,*— | | | |
| Long spring, Mason's, with vulsellum ends (*Fig.* 239) each | 0 | 8 | 6 |

*Nickel plated, 9d. each extra.*

**Gags,**—

| | | | |
|---|---|---|---|
| Colin's . . . . . each | 2 | 10 | 0 |

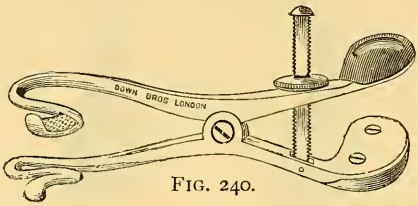



Fig. 240.

| | | | |
|---|---|---|---|
| Croft's (modification of Mason's) (*Fig.* 240) . each | 0 | 16 | 6 |

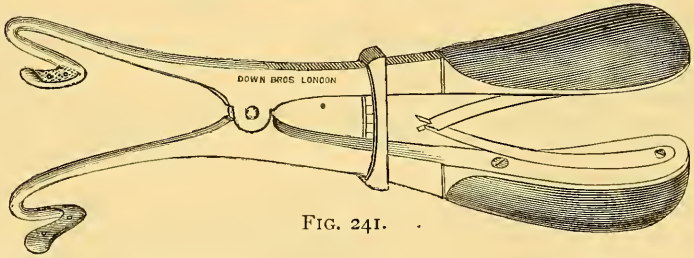



Fig. 241.

| | | | |
|---|---|---|---|
| Fergusson's (*Fig.* 241) . . . . . each | 0 | 16 | 6 |

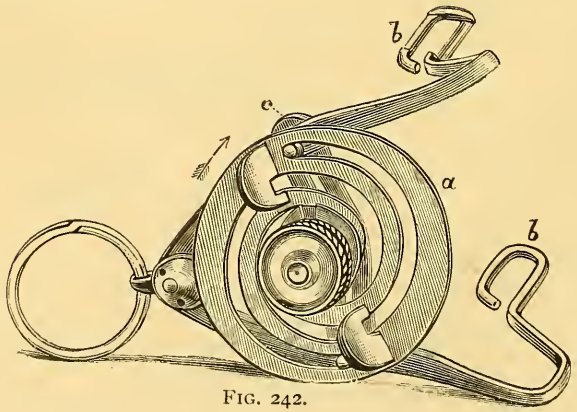



Fig. 242.

## Mouth, Cleft Palate, etc., Instruments, *continued.*

| Gags, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Gowan's (*Fig.* 242), nickel plated . . . each | 1 | 17 | 6 |

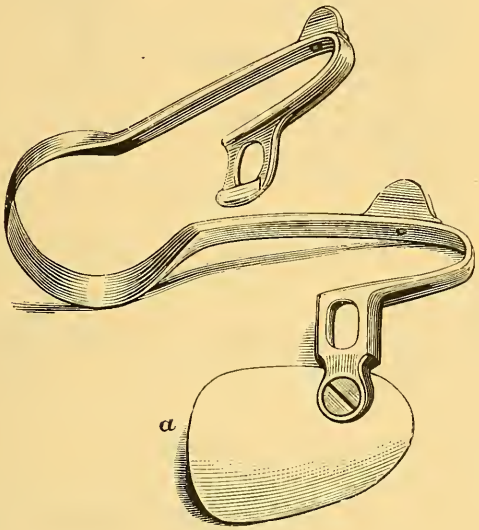



Fig. 243.

| | | | | |
|---|---|---|---|---|
| Tongue Depressor, to use with same, for Staphyloraphy (*Fig.* 243) . . . . . each | 0 | 12 | 6 |
| Hutchinson's Spring . . . . . ,, | 0 | 8 | 6 |

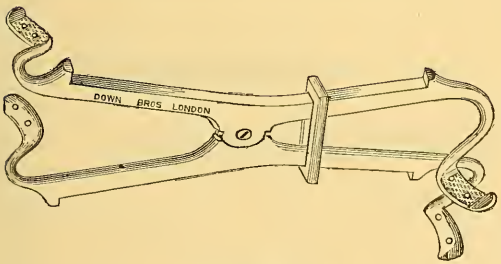



Fig. 244.

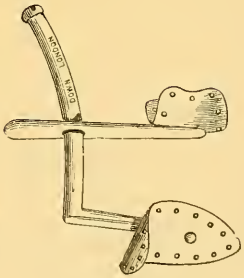


Fig. 245.

| | | | | |
|---|---|---|---|---|
| Rose's (*Fig.* 244) . . . . . each | 0 | 15 | 0 |
| Slide Pattern (*Fig.* 245) . . . . . ,, | 0 | 7 | 6 |

## Mouth, Cleft Palate, etc., Instruments, *continued.*

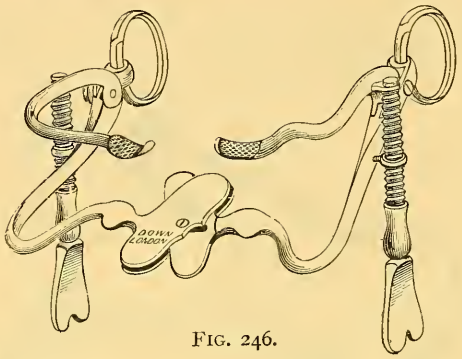


Fig. 246.

| | £ | s. | d. |
|---|---|---|---|
| **Gags**, *continued*,— | | | |
| Smith's (*Fig.* 246) . . . . . each | 1 | 15 | 0 |
| „ modified, without tongue plate, for operations on the floor of the mouth . . . each | 1 | 17 | 6 |
| Wood's . . . . . „ | 2 | 2 | 0 |
| Vulcanite . . . . . „ | 0 | 5 | 6 |
| Leather Straps for use with Mouth Gags . . „ | 0 | 1 | 6 |

*Nickel plated, 1s. each extra.*

Fig. 247.

Fig. 248.

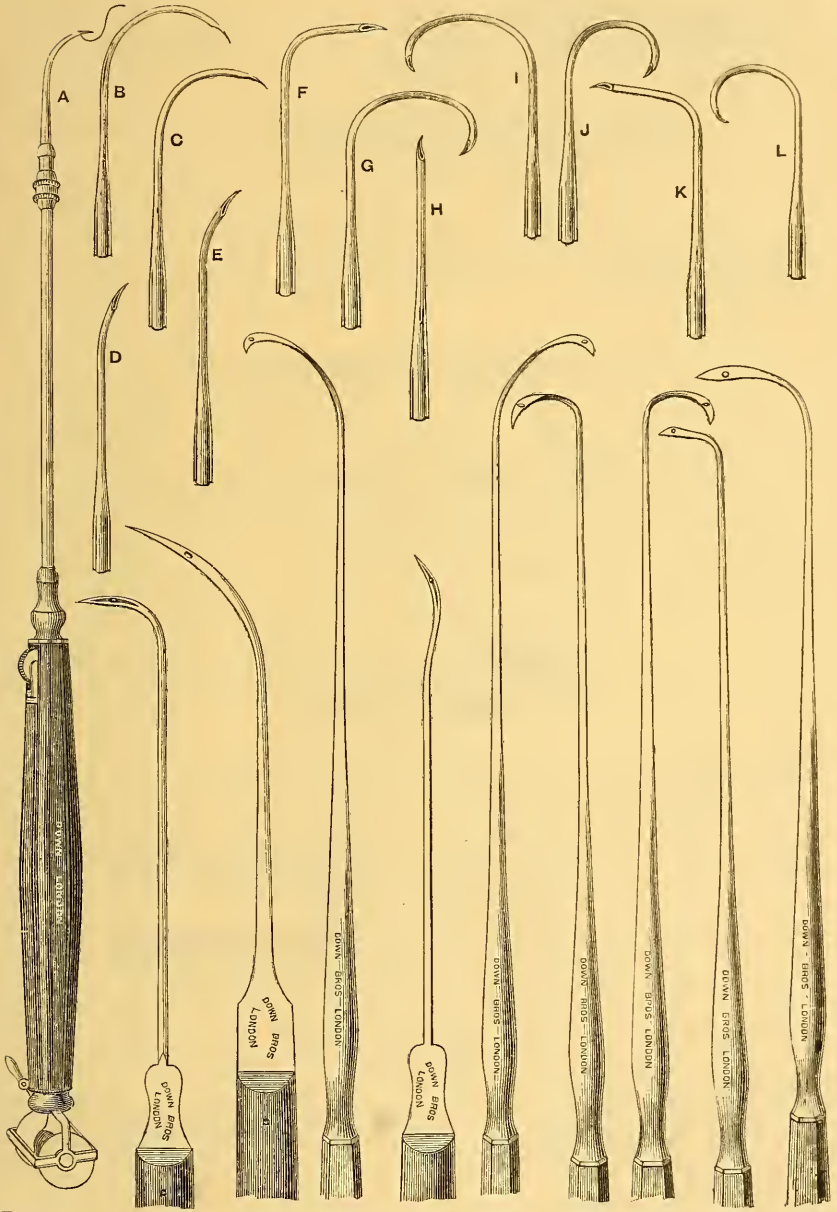
Fig. 249.

Fig. 250.

Fig. 251

| | | | |
|---|---|---|---|
| **Hooks**, Blunt (*Fig.* 247) . . . . . each | 0 | 4 | 0 |
| „ „ with double slot (*Fig.* 246) . . „ | 0 | 4 | 6 |
| Sharp (*Fig.* 249) . . . . . „ | 0 | 4 | 0 |
| **Knives** (of three sizes) (*Fig.* 250) . . . . „ | 0 | 4 | 6 |
| Fergusson's Rectangular (three sizes) (*Fig.* 251) . „ | 0 | 6 | 9 |
| Pollock's . . . . . „ | 1 | 10 | 0 |

## Mouth, Cleft Palate, etc., Instruments, *continued.*




FIGS. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261.

## Mouth, Cleft Palate, etc., Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Needles**, in ebony handles,— | | | |
| Brooks', blunt or sharp, with lever . . . each | 1 | 10 | 0 |
| Bryant's (*as Figs.* 1020–1022, *page* 275) . . „ | 0 | 6 | 6 |
| Curved (*Figs.* 253, 254, *and* 256) . . . . „ | 0 | 4 | 0 |
| „ rectangular curves (*Figs.* 260 *and* 261) . „ | 0 | 5 | 0 |
| „ right and left (*Figs.* 255 *and* 257) . . „ | 0 | 5 | 6 |
| „ ditto (right angles with stem) (*Figs* 258 *and* 259) . . . . . each | 0 | 5 | 6 |

*Small, for use with holder, see page* 14.

**Needle Holders** (*see also page* 275–277),—
Smith's, with set of 12 Tubular Needles (*Fig.* 252, *A to L*) . . . . . in case 2 15 0

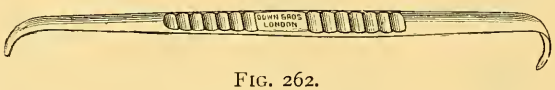



Fig. 262.

Fig. 263.

**Raspatories**, Wood's (*Figs.* 262 *and* 263) . . each 0 4 6

Fig. 264.

**Scraper**, for use at end of finger (Mr. E. Cock's) (*Fig.* 264) each . . . . . 0 5 6

Fig. 265.

Fig. 266.

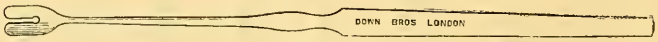



Fig. 267.

**Suture Adjusters**,—

| | | | |
|---|---|---|---|
| Disc Pattern (*Fig.* 265) . . . . . each | 0 | 4 | 0 |
| Forked „ (*Fig.* 266) . . . . . „ | 0 | 5 | 0 |
| Fulcrum (*Fig.* 267) . . . . . „ | 0 | 5 | 6 |

## Mouth, Cleft Palate, etc., Instruments, *continued.*

FIG. 268.

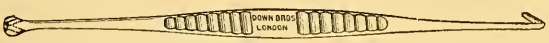



FIG. 269.

| | £ | s. | d. |
|---|---|---|---|
| **Wire Twisters,—** | | | |
| Durham's Forceps . . . . . each | 0 | 10 | 6 |
| "S" shape (*Fig.* 268) . . . . . „ | 0 | 5 | 0 |
| With Hook, Wood's (*Fig.* 269) . . . . „ | 0 | 4 | 6 |

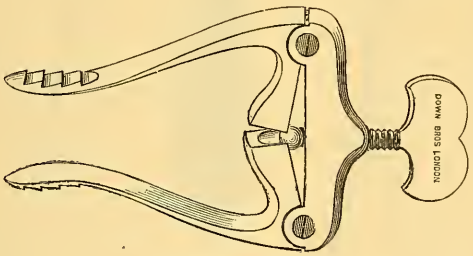



FIG. 270.

| | | | |
|---|---|---|---|
| **Wedges,** for forcing open the mouth (*Fig.* 270) . each | 0 | 11 | 0 |
| Ditto, extra powerful . . . . . „ | 1 | 2 | 6 |

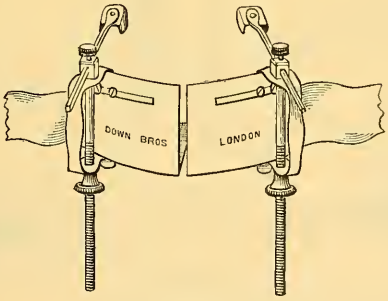



FIG. 271.

| | | | |
|---|---|---|---|
| **Splints for Fractured Jaw,—** | | | |
| Moon's, padded and fitted with straps and buckles (*Fig.* 271) . . . . . each | 2 | 2 | 0 |

## Mouth, Cleft Palate, etc., Instruments, *continued.*

Fig. 274.

Fig. 275.

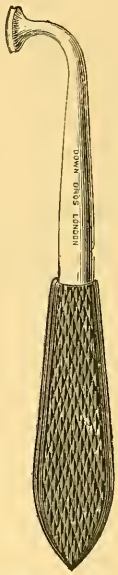



Fig. 276.

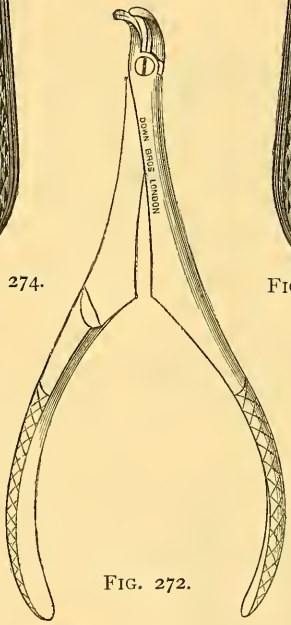



Fig. 272.

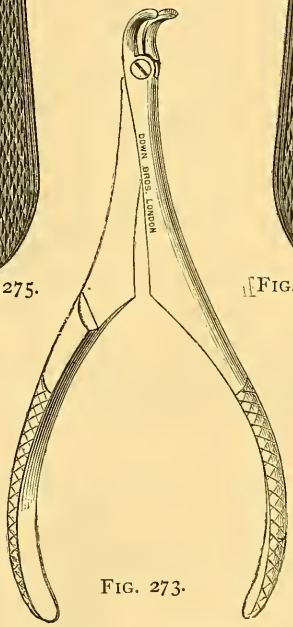



Fig. 273.

Fig. 277.

| | £ | s. | d. |
|---|---|---|---|
| **Splints for Fractured Jaw,** *continued*,— | | | |
| Pedley's Set of Instruments for applying the wire splint (*Figs. 272 to 277*) . . . . . in box | 2 | 5 | 0 |
| **Wood's Jaw Saws,** in four sizes, each 9*s.* 6*d.*, 10*s.* 6*d.*, 11*s.* 6*d.*, and . . . . . | 0 | 12 | 6 |

## HARE-LIP INSTRUMENTS.

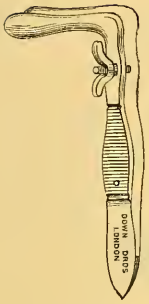



Fig. 278.

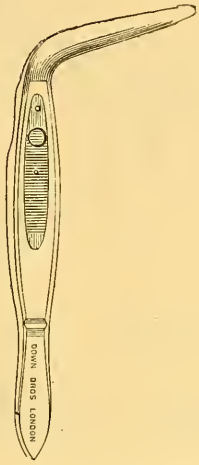



Fig. 279.

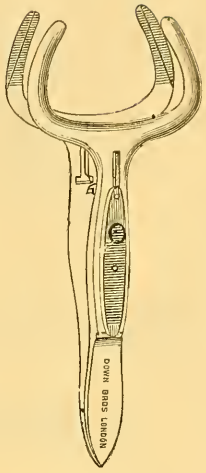



Fig. 280.

| | £ | s. | d. |
|---|---|---|---|
| **Forceps,—** | | | |
| Durham's (*Fig.* 278), right and left . . . each | 0 | 9 | 6 |
| Smith's (*Fig.* 279) „ „ . . . „ | 0 | 9 | 6 |
| „ Double (*Fig.* 280) . . . . . „ | 0 | 15 | 0 |
| „ „ with adjusting blades . . . „ | 1 | 3 | 0 |

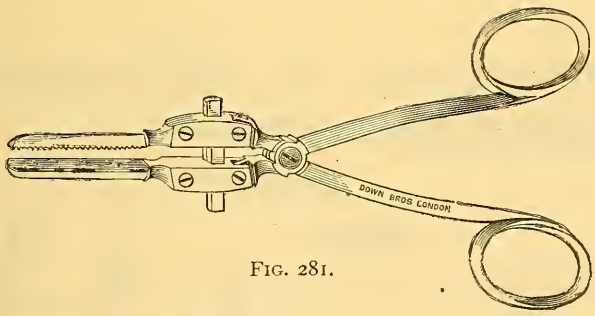



Fig. 281.

| | | | |
|---|---|---|---|
| With parallel blades (*Fig.* 281) . . . . each | 0 | 12 | 6 |

*Nickel plated, 9d. each extra.*

| | | | |
|---|---|---|---|
| **Hare-Lip Pins,—** | | | |
| Glass heads (*Fig.* 56 *p.* 13) . . . . per doz. | 0 | 1 | 6 |
| Ring heads to cut at sides as well as points (*Fig.* 57 *p.* 13). . . . . per doz. | 0 | 2 | 0 |
| With movable points . . . . . „ | 0 | 14 | 0 |

## Hare-Lip Instruments, *continued.*

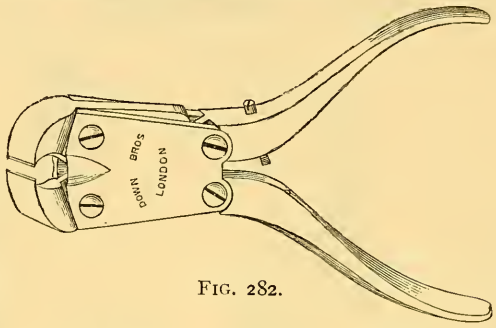



Fig. 282.

| | £ | s. | d. |
|---|---|---|---|
| **Nippers**, for cutting off the pins . . each | 0 | 5 | 6 |
| American pattern (*Fig.* 282) small . . . . „ | 0 | 5 | 6 |
| „ „ „ large, each, 7*s.* 6*d.*; nickel plated | 0 | 9 | 6 |

Fig. 283.

| | | | |
|---|---|---|---|
| **Scalpel**, Jacobson's (*Fig.* 283), each, chequered ebony, 2*s.* 6*d.*; chequered ivory . . . . . | 0 | 3 | 6 |
| **Scissors**, with sliding blade . . . . . each | 0 | 6 | 6 |
| **Trusses**, Hainsby's . . . . . „ | 0 | 10 | 6 |

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## LARYNGEAL, TONSIL, AND UVULA INSTRUMENTS.

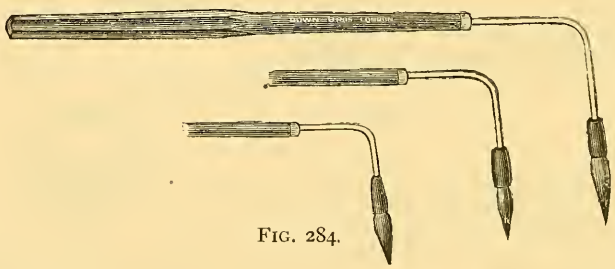


Fig. 284.

**Brushes, etc.,—**

| | | | |
|---|---|---|---|
| Mackenzie's, with German-silver stems (of three curves) (*Fig.* 284) . . . . per doz. | 1 | 4 | 0 |
| „ with aluminium ditto . . „ | 1 | 7 | 0 |
| Wire stems and wood handles . . . „ | 0 | 7 | 6 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

| Brushes, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| With Laryngeal Probe to fit same handle . . each | 0 | 4 | 6 |
| Spare Brushes for above . . . . per doz. | 0 | 6 | 0 |
| „ Sponges „ . . . . „ | 0 | 7 | 6 |

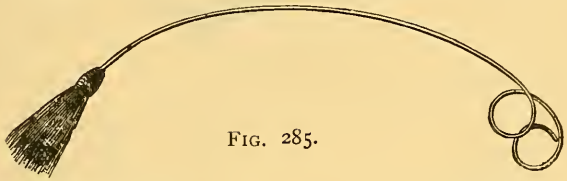

Fig. 285.

| | | | |
|---|---|---|---|
| Wire Stems (*Fig.* 285) . . . . per doz. | 0 | 3 | 0 |
| Wood Handles, curved and straight (see *Figs.* 1613 *and* 1614 *page* 503) . . . . . per doz. | 0 | 2 | 6 |
| Sponges on whalebone stems . . . „ | 0 | 12 | 0 |

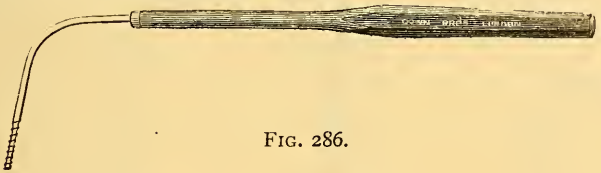

Fig. 286.

**Caustic Wires,**—

| | | | |
|---|---|---|---|
| Mackenzie's German-silver (*Fig.* 286) (of three curves) per doz. | 0 | 18 | 0 |
| „ aluminium, ditto . . . „ | 1 | 1 | 0 |

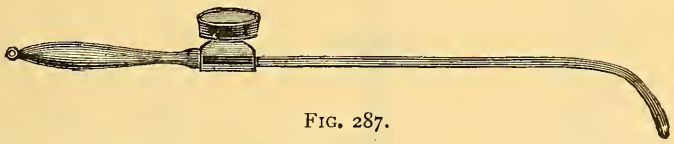

Fig. 287.

| | | | |
|---|---|---|---|
| **Drop Counters**, Laryngeal (*Fig.* 287) . . . each | 0 | 4 | 6 |

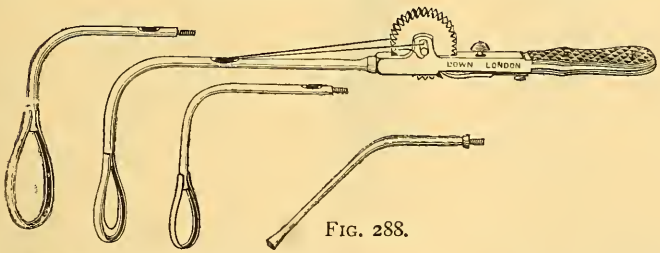


Fig. 288.

| | | | |
|---|---|---|---|
| **Ecraseurs**, Mackenzie's, with set of three guarded, and one plain end (*Fig.* 288) . . . . each | 2 | 17 | 6 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

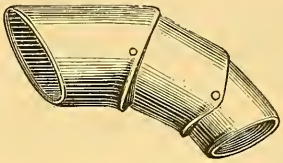

FIG. 289.

| | £ | s. | d. |
|---|---|---|---|
| **Finger Guards,** Langenbeck's (*Fig.* 289) . . each | 0 | 4 | 6 |

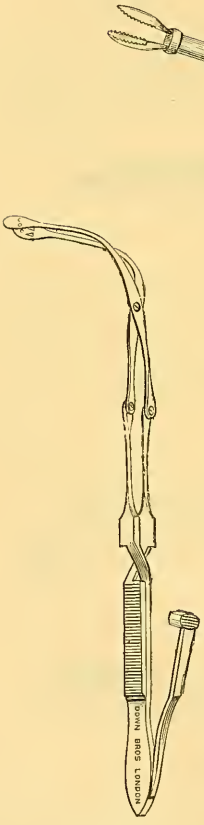


FIG. 290.

FIG. 291.

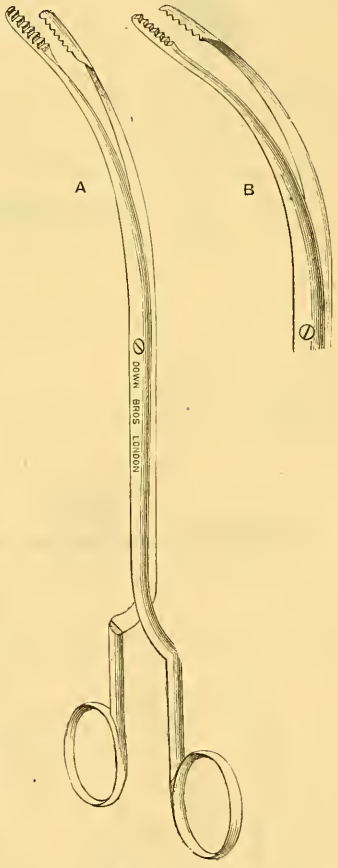


FIG. 292.

**Forceps,—**

Brandis' Cross-action Spring, for holding Sponge, etc. (*Fig.* 290) . . . . . each 0 14 0

## Laryngeal, Tonsil, etc., Instruments, *continued.*

| Forceps, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Bryant's, to revolve so that it will grasp in any direction (*Fig.* 291) . . . . . each | 1 | 10 | 0 |
| Curved, to open laterally or antero-posteriorly (*Fig.* 292 A and B) . . . . . each | 0 | 7 | 0 |

Fig. 293.

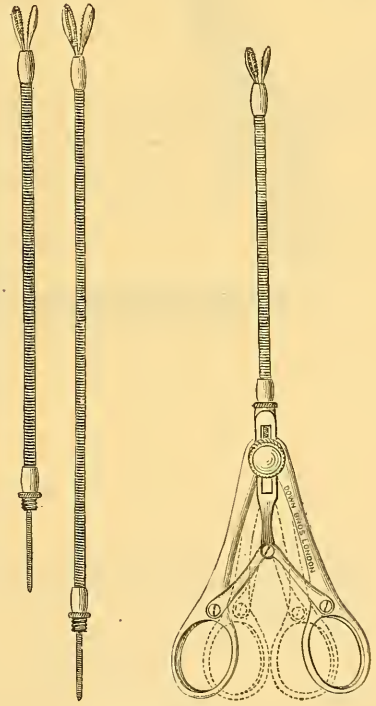


Fig. 294.

| | | | |
|---|---|---|---|
| Durham's Double Joint (*Fig.* 293) . . . each | 0 | 15 | 0 |
| Durham's Set of three, on flexible stems, to bend in any direction (*Fig.* 294), £2 5*s.* . . in case | 2 | 10 | 6 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

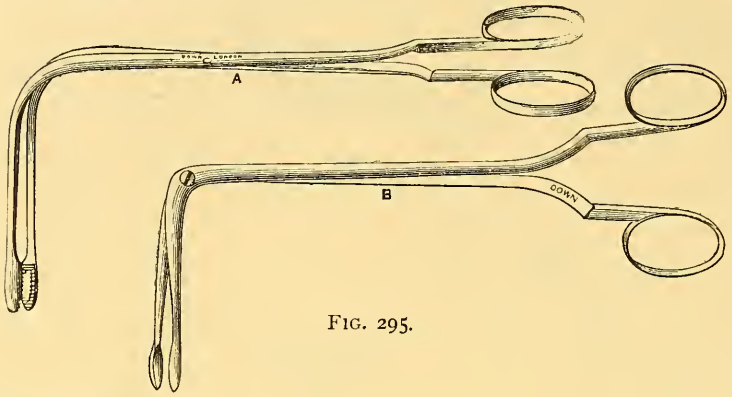


Fig. 295.

**Forceps,** *continued,*— £ s. d

Mackenzie's Rectangular, to open laterally or antero-posteriorly (*Fig.* 295 A and B) . . . each 0 9 6

*These Forceps are made in three sizes, and can be supplied either with serrated jaws, as Fig.* A, *or with scoop jaws, as Fig.* B.

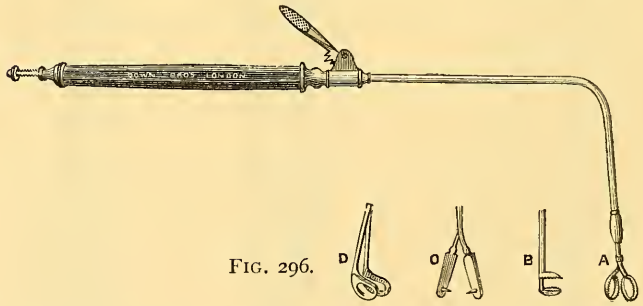


Fig. 296.




Mackenzie's set of 3 Forceps and 1 pair Scissors, for removing growths from Larynx and Vocal Cords (*Fig.* 296) . . . . . each 3 5 0

Ditto, set of 3 Forceps only . . . . . ,, 2 15 0

*Nickel plated,* 1s. *each extra.*

**Galvanic Cauteries** (*See pages* 378, 390–392).

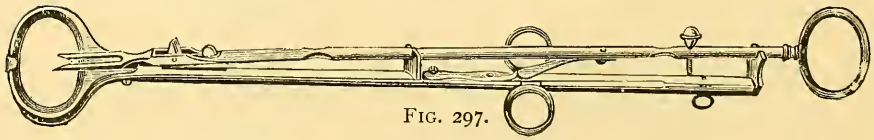

Fig. 297.

## Laryngeal, Tonsil, etc., Instruments, *continued.*

**Guillotines,—**

| | £ | s. | d. |
|---|---|---|---|
| French pattern (*Fig.* 297), 4 sizes . . . each | 1 | 7 | 6 |
| „ „ with guard, Ewens' . . . „ | 1 | 12 | 6 |

*Cases for above, each 6s.*

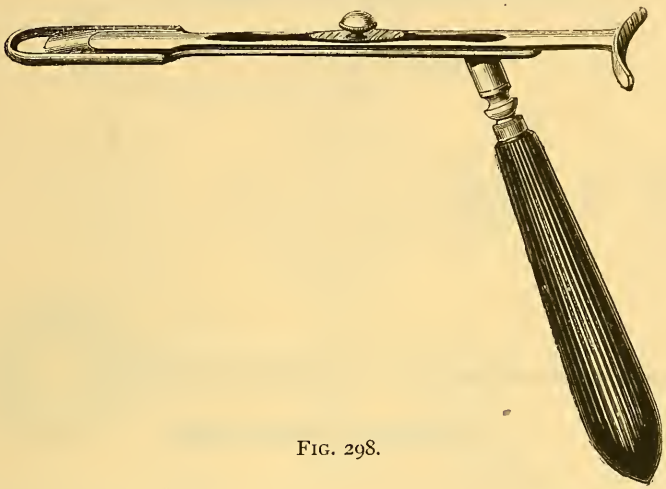

FIG. 298.

| | | | |
|---|---|---|---|
| Mackenzie's (*Fig.* 298) 3 sizes . . . each | 1 | 0 | 0 |
| „ with reversible handles, 3 sizes . „ | 1 | 5 | 0 |

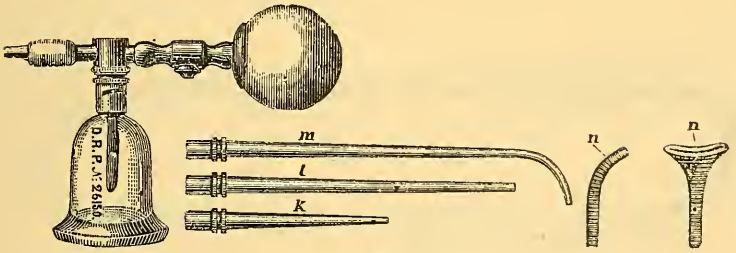


FIG. 299.

**Insufflators,—**

| | | | |
|---|---|---|---|
| Kabierski's (*Fig.* 299), with one tube . . . each | 0 | 7 | 6 |
| Extra tubes* . . . . . „ | 0 | 1 | 0 |

* *m*, for Larynx. *l*, for Vagina. *k*, for Nose and Ear. *nn*, India-rubber Mounts for Eye.

## Laryngeal, Tonsil, etc., Instruments, *continued.*

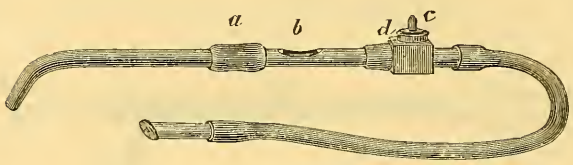


Fig. 300.

**Insufflators,** *continued*, —

| | £ | s. | d. |
|---|---|---|---|
| Mackenzie's, with pressure valve (*Fig.* 300) . . each | 0 | 5 | 6 |

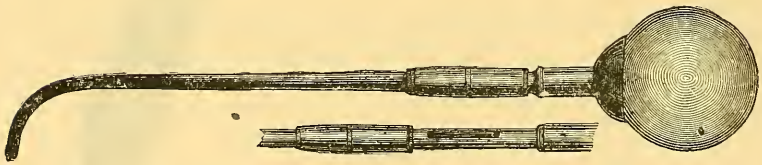

Fig. 301.

Rauchfuss's with india-rubber ball (*Fig.* 301) . each 0 3 6

Fig. 302.

Schrötter's, with tube and mouthpiece (*Fig.* 302), each 0 3 0

## Laryngeal, Tonsil, etc., Instruments, *continued.*

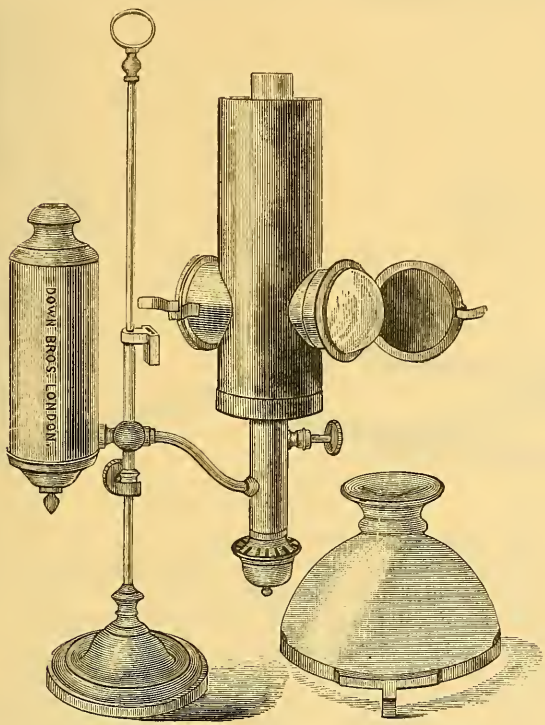


Fig. 303.

**Lamps and Gas Brackets,—** £ s. d.

Improved Model (*Fig.* 303), for use with crystal oil, suggested by G. A. Carpenter, M.B., each, bronze, £2 18*s.* 6*d.*, nickel plated . . . . . 3 10 6

*This Lamp gives a light equal to* 25 *candles when arranged as shown in the illustration for Laryngoscopic purposes.*

*By closing the cover over bull's-eye, and opening the shutter at back, a light equal to* 10 *candles for Ophthalmic examinations.*

*It can also be used as an ordinary Reading Lamp by removing metal chimney and adapting the glass shade.*

Mackenzie's Gas Bracket, with lateral movement and rack to raise and lower, with metal chimney and bull's-eye complete . . . . . 2 10 6

The same fitted with cover to bull's-eye and shutter at back . . . . . each 2 17 6

## Laryngeal, Tonsil, etc., Instruments, *continued.*

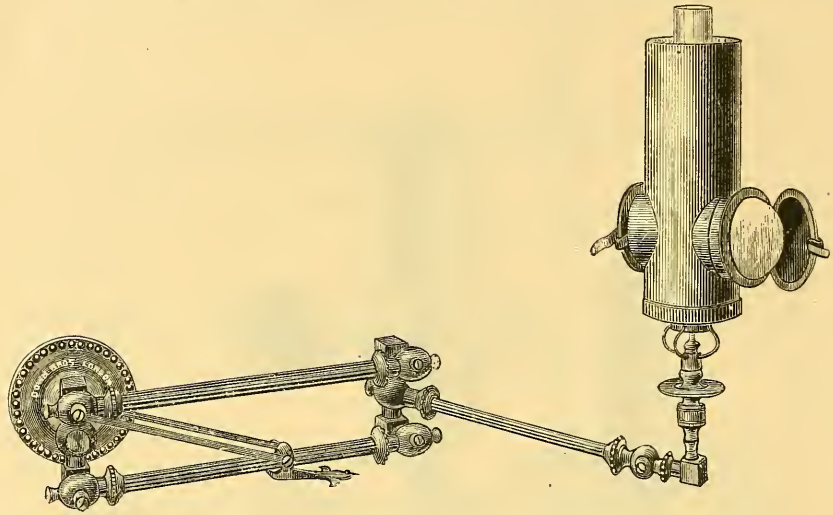

Fig. 304.

| | £ | s. | d. |
|---|---|---|---|
| **Lamps and Gas Brackets,** *continued*,— | | | |
| The same fitted with Sugg's burner, extra large metal chimney to accommodate same, cover to bull's-eye, and shutter arrangement, glass chimney, and improved arrangement for rotating the chimney, as recently fitted for Guy's Hospital (*Fig.* 304) . each | 3 | 18 | 6 |
| Any of the above can be fitted on ornamental pillar and stand, at an extra charge of . . . . | 1 | 16 | 0 |
| **Portable Hand Lamp** (*see page* 409). | | | |
| **Laryngeal Dilators,**— | | | |
| Mackenzie's . . . . . each | 2 | 0 | 0 |
| Schrötter's Vulcanite Tubes, in 12 sizes . . „ | 0 | 3 | 9 |
| Whistler's Cutting Dilator, with 3 ends . . „ | 1 | 15 | 0 |

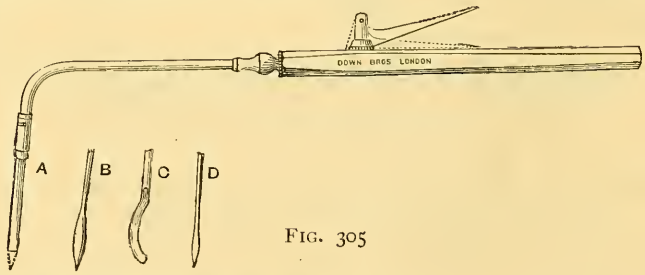


Fig. 305

| | | | |
|---|---|---|---|
| **Laryngeal Lancet,** Mackenzie's (*Fig.* 305 A) . each | 1 | 10 | 0 |
| Extra Ends (B C and D) . . . . . „ | 0 | 5 | 0 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

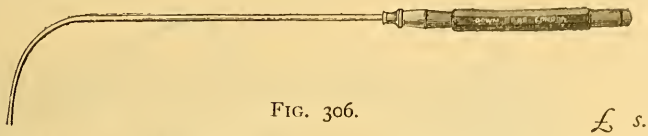

Fig. 306.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Laryngeal Probes** (*Fig.* 306) . | each, 2*s.* 6*d.* and | 0 | 3 | 6 |

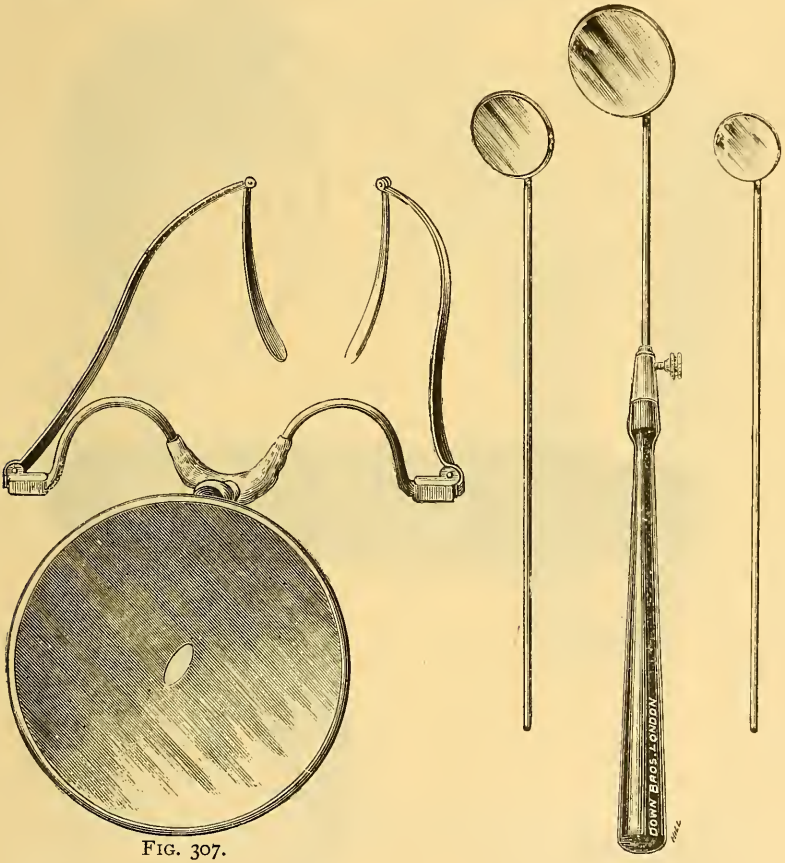


Fig. 307.

**Laryngoscopes,—**

| | | | |
|---|---|---|---|
| Lennox Brown's Spectacle Frame and Nose Rest, and set of 3 Laryngeal Mirrors, in case . . . | 1 | 16 | 6 |
| Mackenzie's Spectacle Frame (*Fig.* 307), and set of 3 Laryngeal Mirrors, in case . . . . . | 1 | 15 | 0 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

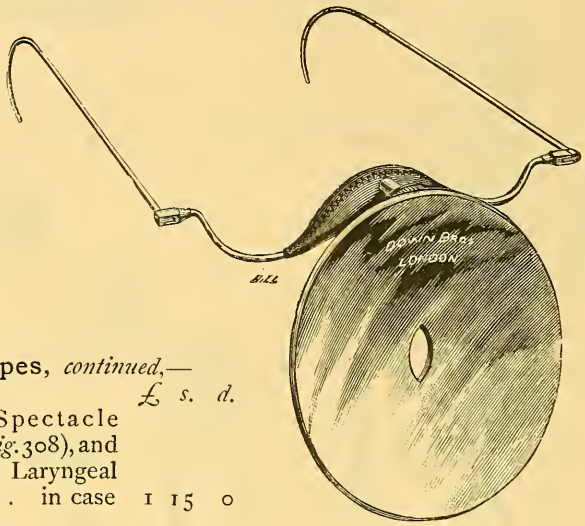


Fig. 308.

**Laryngoscopes,** *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Semon's Spectacle Frame (*Fig.* 308), and set of 3 Laryngeal Mirrors . in case | 1 | 15 | 0 |

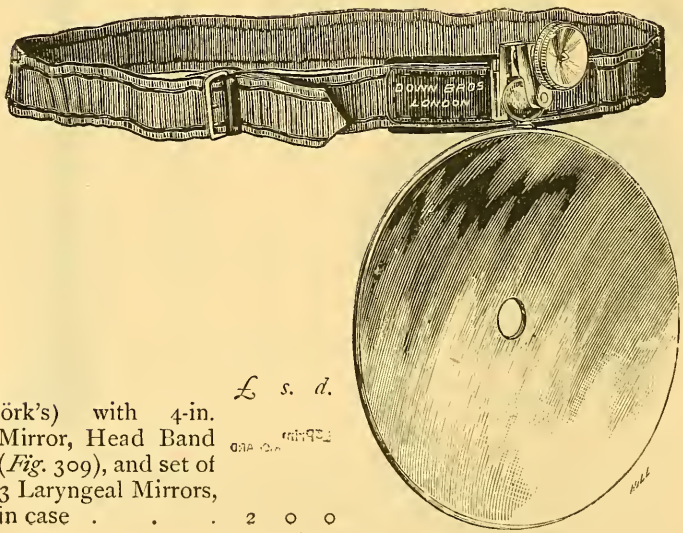


Fig. 309.

| | £ | s. | d. |
|---|---|---|---|
| (Störk's) with 4-in. Mirror, Head Band (*Fig.* 309), and set of 3 Laryngeal Mirrors, in case . . . | 2 | 0 | 0 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

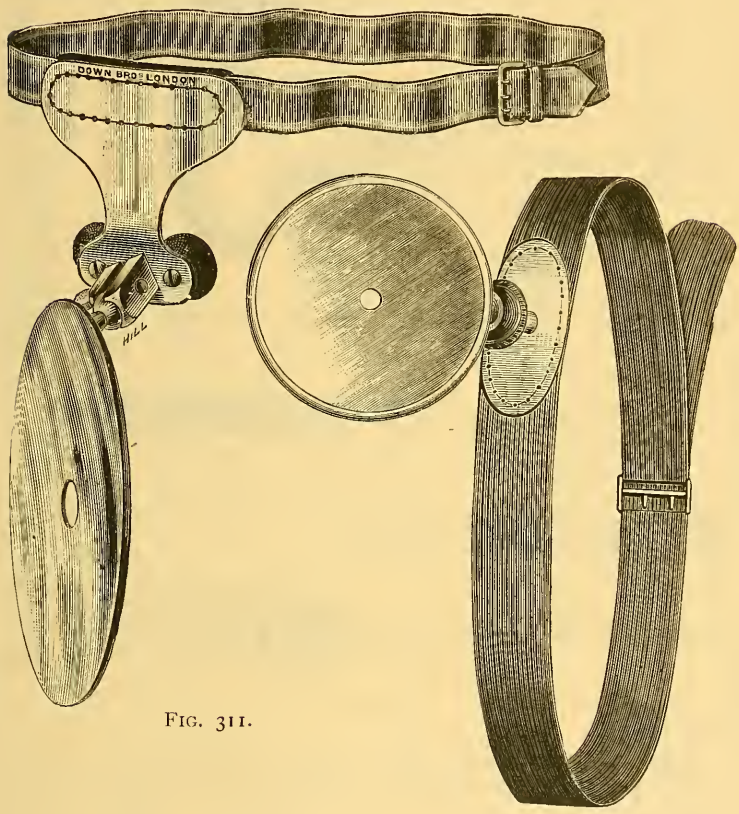


Fig. 311.

Fig. 310.

**Laryngoscopes,** *continued,*— £ *s. d.*

With 3½-in. Mirror, and Head Band (*Fig.* 310), and set of 3 Laryngeal Mirrors . . . in case 1 10 0

With 4-in. Mirror, Head Band and Nose Rest (*Fig.* 311), and set of 3 Laryngeal Mirrors . . in case 2 2 0

## Laryngeal, Tonsil, etc., Instruments, *continued.*

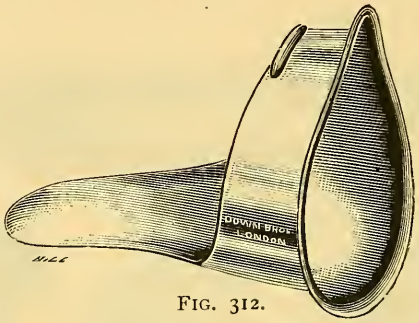


Fig. 312.

| | £ | s. | d. |
|---|---|---|---|
| **Mouth Specula**, Gutsch's, in 5 sizes (*Fig.* 312), each, 4*s.*, per set | 0 | 17 | 6 |

Fig. 313.

| | | | |
|---|---|---|---|
| **Pharyngeal Bistouries** (*Fig.* 313) . . . each | 0 | 5 | 6 |
| **Pharyngeal Spatula**, Boxwood . . . . „ | 0 | 1 | 0 |

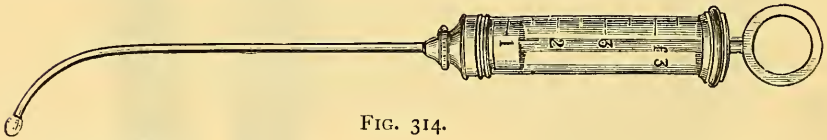

Fig. 314.

**Syringes,—**

| | | | |
|---|---|---|---|
| Laryngeal, vulcanite mounted . each, 4*s.* 6*d.*; in case | 0 | 7 | 6 |
| With plated pipes and graduated glass barrel (*Fig.* 314), each | 0 | 9 | 0 |
| With silver pipes . . . each, 21*s.*; in case | 1 | 4 | 0 |

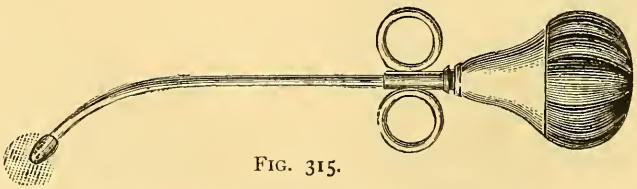

Fig. 315.

| | | | |
|---|---|---|---|
| Gibbs', with silver pipes and india-rubber ball (*Fig.* 315) each | 0 | 14 | 0 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

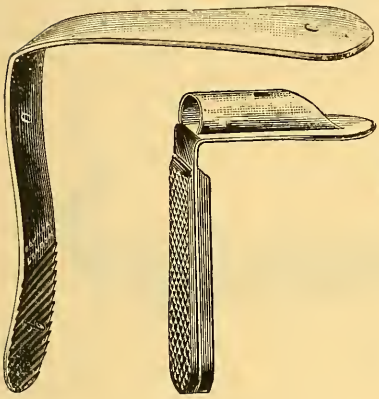

Fig. 316.



Fig. 317.

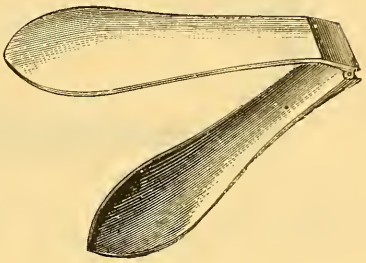

Fig. 318.

| Tongue Depressors,— | £ | s. | d. |
|---|---|---|---|
| Baber's (*Fig.* 316) . . . . . each | 0 | 5 | 6 |
| Easte's, for children, to protect the tube while using spray (*Fig.* 317) . . . . . each | 0 | 6 | 6 |
| Ditto, ditto, ditto, with metal handles . . „ | 0 | 4 | 6 |
| Folding, with concave blades, plated, and gilt ends (*Fig.* 318) . . . . . each | 0 | 6 | 6 |
| Hollis's, plated (*Fig.* 319) . . . . „ | 0 | 8 | 6 |

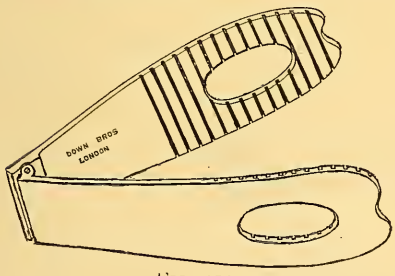


Fig. 319.

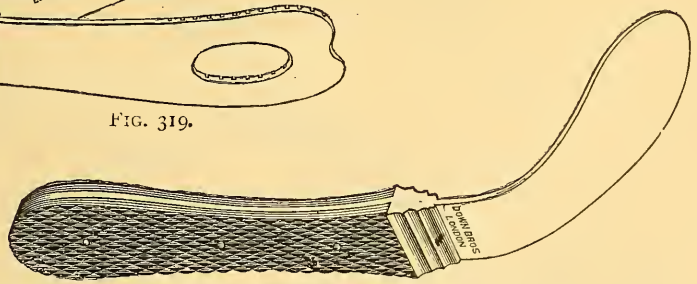


Fig. 320.

| | | | |
|---|---|---|---|
| St. Thomas's pattern, plated (*Fig.* 320) . . each | 0 | 8 | 6 |
| Straight, plated . . . . . „ | 0 | 5 | 3 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

Fig. 321.

**Tongue Depressors,** *continued,*— £ s. d.

Türk's, vulcanite (*Fig.* 321) . . . . . each 0 5 0

Fig. 322.

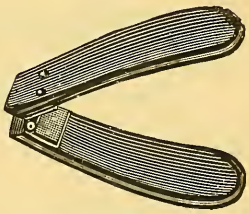

Fig. 323.

Vulcanite, plain (*Fig.* 322) . . . . . each 0 2 0

„ folding (*Fig.* 323) . . . . . „ 0 3 9

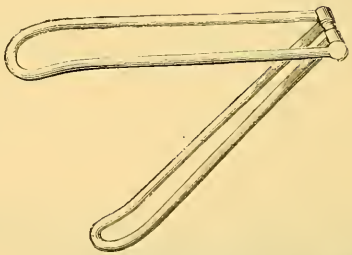

Fig. 324.

Wire, portable (*Fig.* 324) . . . . . each 0 4 0

**Tongue Forceps,** ring blades and catch (*Fig.* 1378, *page* 406) . . . . . each 0 8 6

*Nickel plated,* 1*s. extra.*

## Laryngeal, Tonsil, etc., Instruments, *continued.*

FIG. 325.

| | £ | s. | d. |
|---|---|---|---|
| **Tonsil Bistouries** (*Fig.* 325) . . . . each | 0 | 3 | 0 |

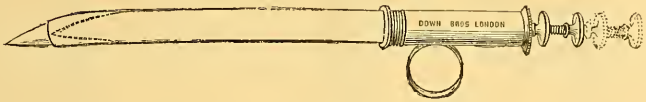


FIG. 326.

| | | | |
|---|---|---|---|
| **Tonsilotomes**, silver (*Fig.* 326) . . . . each | 1 | 4 | 0 |

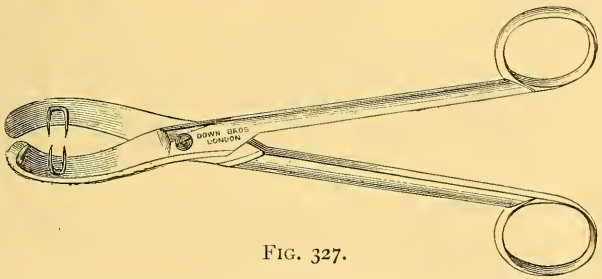


FIG. 327.

| | | | |
|---|---|---|---|
| **Tonsil Scissors**, Erichsen's . . . . each | 0 | 13 | 6 |
| „ „ „ with Hooks (*Fig.* 327) „ | 0 | 15 | 0 |
| **Uvula Forceps**, Lennox Brown's nickel plated . „ | 0 | 6 | 6 |

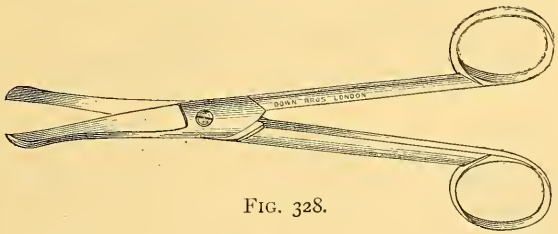


FIG. 328.

| | | | |
|---|---|---|---|
| **Uvula Scissors** . . . . . each | 0 | 5 | 6 |
| Thomas's (*Fig.* 328). . . . . „ | 0 | 9 | 0 |
| **Uvulatome**, Mackenzie's . . . . . „ | 1 | 10 | 0 |
| **Uvula Twitch**, Mackenzie's . . . . „ | 0 | 1 | 0 |

## Laryngeal, Tonsil, etc., Instruments, *continued.*

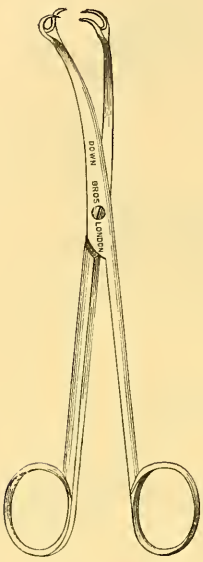


Fig. 329.

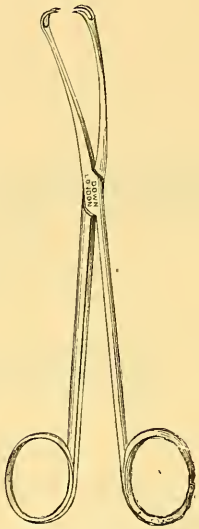


Fig. 330.

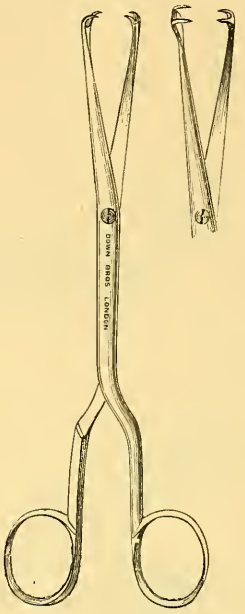


Fig. 331.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Vulsellums**, Straight, Curved, or Curved on flat (*Fig.* 329) | each | 0 | 5 | 6 |
| Curved with small jaws (*Fig.* 330) . . . . | „ | 0 | 5 | 6 |
| Cross-action, straight, or with side teeth (*Fig.* 331) | „ | 0 | 7 | 6 |

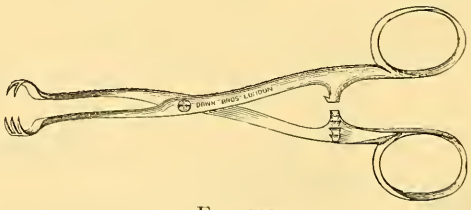


Fig. 332.

| | | | | |
|---|---|---|---|---|
| Hawk's-foot pattern (*Fig.* 332) . . . . | each | 0 | 8 | 6 |
| Small, straight . . . . . | „ | 0 | 4 | 6 |

*Nickel plated*, 1*s. each extra.*

## TRACHEOTOMY INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No 1 Set (Dr. Hale White's "Emergency"),** containing Golding-Bird's Trachea Dilator, Scalpel, Hale White's Tracheotome. in case | 1 | 15 | 0 |

*This case contains all that is necessary to perform the operation, either in children or adults. It is intended that the Dilator should be replaced in twenty-four or forty-eight hours by a suitable india-rubber or silver tube.*

| | | | |
|---|---|---|---|
| **No. 2 Set,** containing 3 Fuller's Plated Bivalve Tracheotomy Tubes, Scalpel, Blunt Hook, and Double Blunt Hook, in ebony handles . in case | 2 | 0 | 0 |
| **No. 3 Set,** containing 3 Fuller's Silver Bivalve Tracheotomy Tubes, Scalpel, Blunt Hook and Double Blunt Hook, in ivory handles, and Dilating Forceps. . . . . in case | 3 | 13 | 6 |
| **No. 4 Set,** containing 4 Fuller's Silver Bivalve Tracheotomy Tubes, Scalpel, Blunt Hook and Double Blunt Hook, Grooved Sharp Hook, in ivory handles, Dilating Forceps, Sponge-holding Forceps for clearing Trachea . . in case | 5 | 5 | 0 |
| **No. 5 Set,** containing 3 Bryant's Silver Tracheotomy Tubes with Pilots, Scalpel, Blunt Hook, and Double Blunt Hook, and Grooved Sharp Hook, in ivory handles . . . . in case | 5 | 12 | 0 |
| **No. 6 Set,** containing 4 Bryant's Silver Tracheotomy Tubes with Pilots, Golding-Bird's Trachea Dilator, Scalpel, Blunt Hook, Double Blunt Hook, and Grooved Sharp Hook, in ivory handles, Trivalve Dilating Forceps and Sponge-holding Forceps for clearing Trachea . in case | 9 | 9 | 0 |
| **No. 7 Set,** containing 4 Durham's Silver Tracheotomy Tubes with Pilots, Scalpel, Blunt Hook, Double Blunt Hook, and Grooved Sharp Hook, in ivory handles . . . . . in case | 8 | 18 | 6 |

## Tracheotomy Instruments, *continued.*

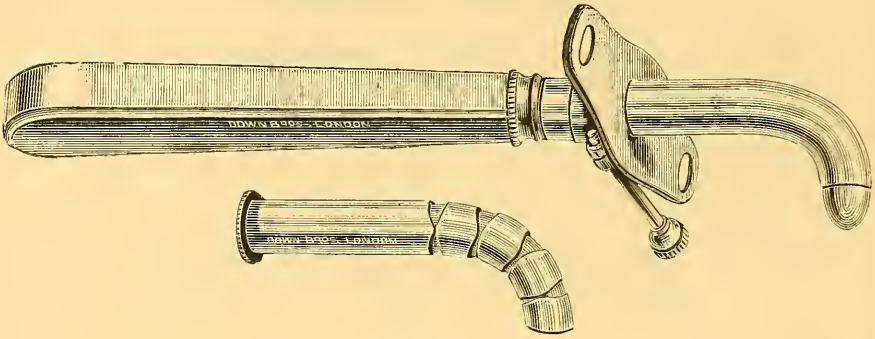


Fig. 334.

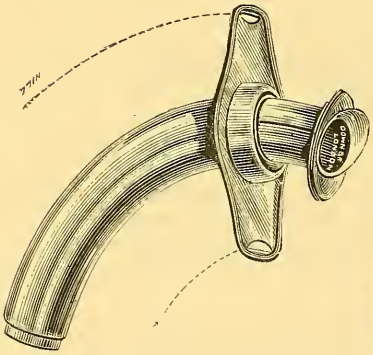

Fig. 333.

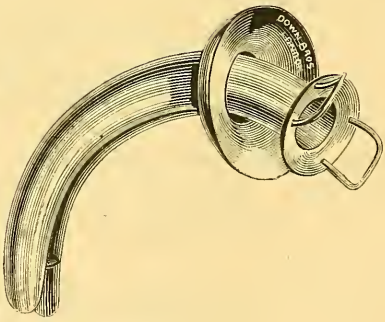


Fig. 335.

| Canulas,— | £ | s. | d. |
|---|---|---|---|
| Bryant's, silver (*Fig.* 333), four sizes: No. 1, 18*s.*; No. 2, 21*s.*; No. 3, 24*s.*; No. 4 . . . . | 1 | 7 | 0 |
| Ditto, with pilots: No. 1, 25*s.* 6*d.*; No. 2, 28*s.* 6*d.*; No. 3, 31*s.* 6*d.*; No. 4 . . . . . | 1 | 15 | 6 |
| Durham's Lobster Tail, with pilots (*Fig.* 334), silver, 4 sizes, each: No. 1, 32*s.*; No. 2, 35*s.*; No. 3, 38*s.* 6*d.*; No. 4 . . . . . | 2 | 2 | 0 |
| Ditto, fitted with inflating tampons, each extra . . | 0 | 12 | 6 |
| Durham's Lobster Tail, fitted with valves, each extra . | 0 | 12 | 6 |

## Tracheotomy Instruments, *continued.*

| Canulas, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Fuller's (the outer tube to compress) (*Fig.* 335), seven sizes, plated . . . . . each | 0 | 8 | 6 |
| Ditto, silver, ditto, each, 13*s.* 6*d.*; 13*s.* 6*d.*; 15*s.*; 15*s.*; 16*s.* 6*d.*; 16*s.* 6*d.*; and | 0 | 18 | 6 |

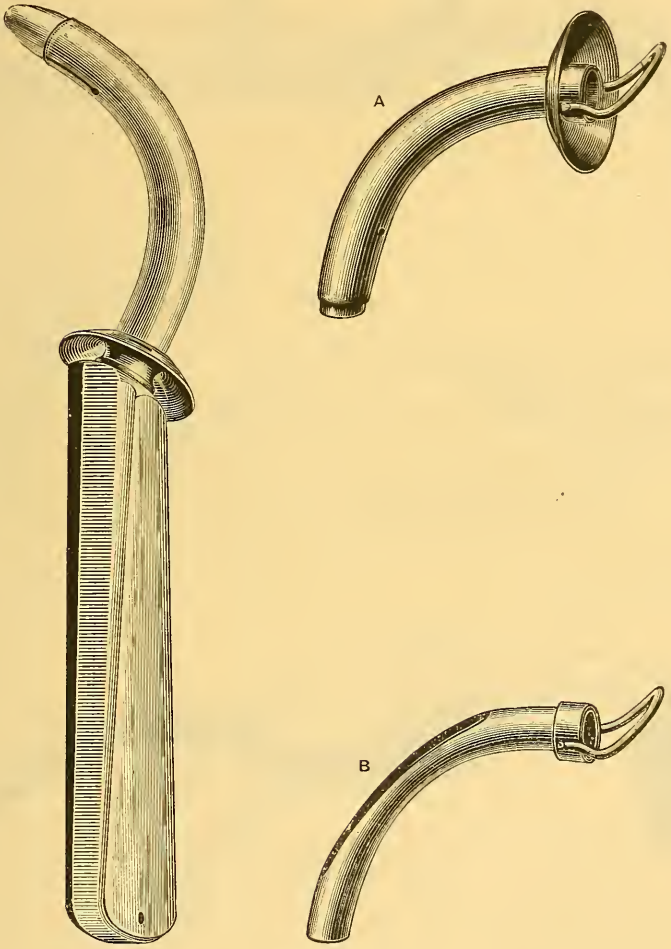


Fig. 336.

| | | | |
|---|---|---|---|
| Hilton's, silver, with pilots (*Fig.* 336), four sizes, each, 17*s.* 6*d.*, 18*s.* 6*d.*, 20*s.*, and . . . . . | 1 | 1 | 0 |

## Tracheotomy Instruments, *continued.*

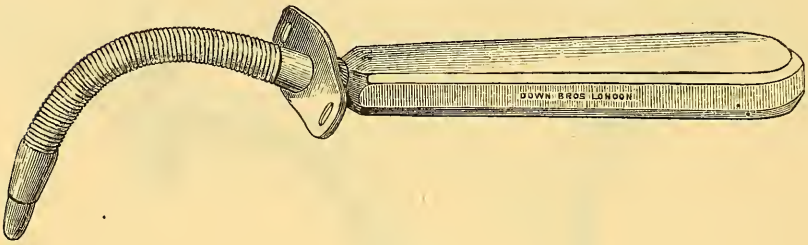


Fig. 337.

| Canulas, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Howse's Flexible, silver, with pilots (*Fig.* 337), three sizes . . . . . each | 1 | 1 | 0 |
| Ditto, with flexible inner tube and pilot, three sizes, each, 30*s.*, 32*s.* 6*d.*, and . . . . . | 1 | 15 | 0 |

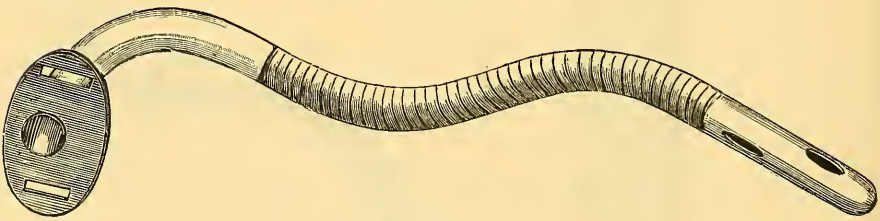

Fig. 338.

| | | | |
|---|---|---|---|
| König's Flexible, silver (*Fig.* 338), 4 inches long, 3 sizes, each | 1 | 1 | 0 |

## Tracheotomy Instruments, *continued.*

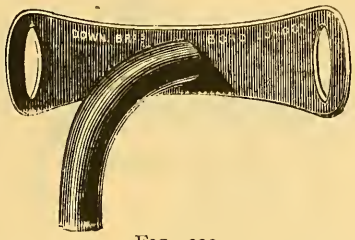

Fig. 339.

| | £ | s. | d. |
|---|---|---|---|
| **Canulas,** *continued*,— | | | |
| India-rubber (Morrant Baker's) (*Fig.* 339), five sizes, each | 0 | 3 | 9 |

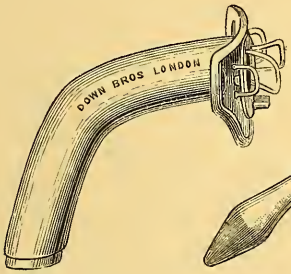


Fig. 340.

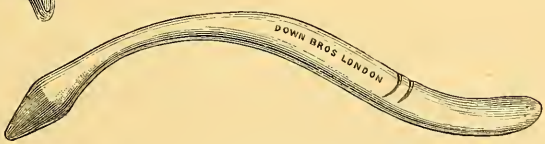


Fig. 341.

| | | | |
|---|---|---|---|
| Parker's, silver (*Fig.* 340), seven sizes, each 13*s.* 6*d.*, 14*s.* 6*d.*, 15*s.* 6*d.*, 16*s.* 6*d.*, 17*s.* 6*d.*, 18*s.* 6*d.*, | 0 | 19 | 6 |
| Pilots for ditto (*Fig.* 341) . . . . . | 0 | 4 | 6 |
| Vulcanite . . . . . each | 0 | 4 | 6 |

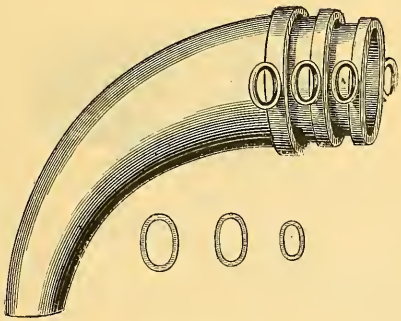

Fig. 342.

| | | | |
|---|---|---|---|
| **Canulas for Laryngotomy,** silver (*Fig.* 342), in three sizes . . . . . each | 0 | 7 | 6 |

## Tracheotomy Instruments, *continued.*

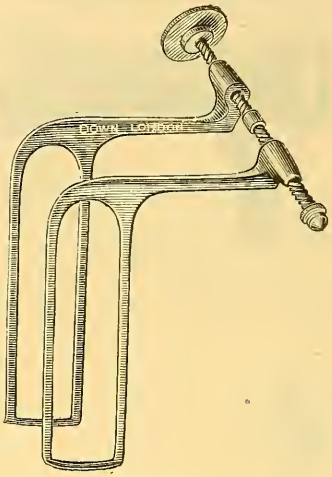

FIG. 343.

Extracts from a paper on "The Mechanical Treatment of Croupous Membrane after Tracheotomy," *The Lancet*, March 12th, 1881.

"*It is inserted, with the blades screwed together, into the trachea, the handle lying against the top of the sternum: on rapidly turning the screw the blades separate to the required extent, and their shape renders them self-retaining. If desired, tapes can be tied to the blades where they join their handles, and fastened round the neck; but this is not often requisite.*

"*The blades retain their parallelism even when fully open, as they do not work from a hinge, but travel along the double screw.*

"*The same-sized dilator does for all cases, whether infants or adults.*

"*In any case it may take the place of a tracheotomy tube on an emergency.*"

| | £ | s. | d. |
|---|---|---|---|
| **Dilator,** Golding-Bird's (*Fig.* 343) . . . . each | 0 | 12 | 6 |

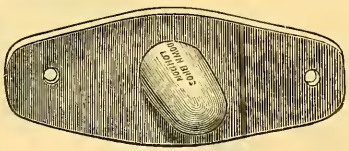

FIG. 344.

| | | | |
|---|---|---|---|
| **India Rubber Plugs,** for closing the tracheal wound (*Fig.* 344) . . . . . | 0 | 2 | 6 |
| **Intubation Instruments,** | | | |
| O'Dwyer's set, consisting of Tubes and instruments for insertion and withdrawal . . . . . | 6 | 0 | 0 |
| **Dilating Forceps,**— | | | |
| Cross-action spring . . . . . each | 0 | 7 | 6 |
| ,, ,, Parker's jointed (*Fig.* 345) . ,, | 0 | 9 | 6 |

## Tracheotomy Instruments, *continued.*

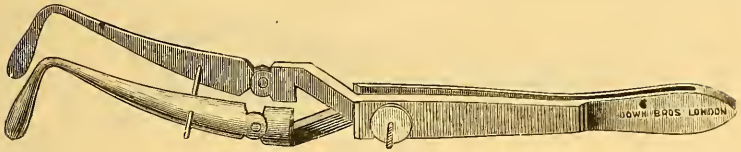


Fig. 345.

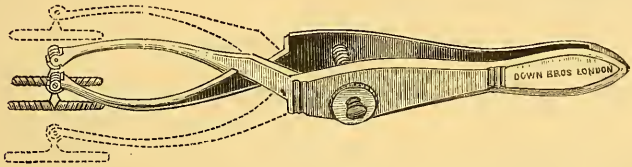


Fig. 346.

| | £ | s. | d. |
|---|---|---|---|
| **Dilating Forceps,** *continued,*— | | | |
| Parker's "Automatic Retractor" (*Fig.* 346). . each | 0 | 15 | 6 |
| Self-acting spring . . . . . ,, | 0 | 5 | 6 |

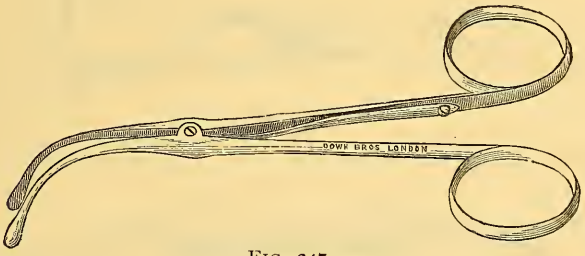


Fig. 347.

| | | | |
|---|---|---|---|
| Two-blade, bow handles (*Fig.* 347) . . . each | 0 | 6 | 0 |

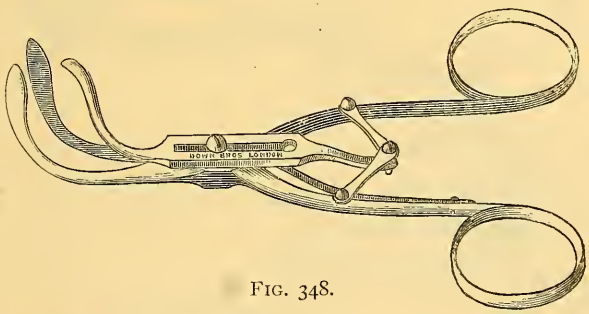


Fig. 348.

| | | | |
|---|---|---|---|
| Three-blade, ditto (*Fig.* 348) . . . . each | 0 | 15 | 0 |

## Tracheotomy Instruments, *continued.*

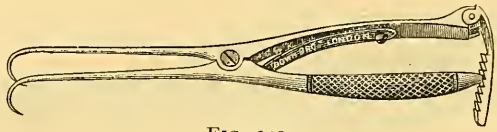


Fig. 349.

| | £ | s. | d. |
|---|---|---|---|
| **Dilating Forceps,** *continued*,— | | | |
| With double hook ends (*Fig.* 349) . . . each | 0 | 10 | 0 |
| *Nickel plated, 9d. each extra.* | | | |
| **Hooks,**— | | | |
| Blunt or sharp (*Figs.* 94 *and* 96, page 23) each, ebony 2*s.*; ivory | 0 | 2 | 9 |
| Sharp grooved . . each, ebony, 3*s.* 3*d.*; ivory | 0 | 4 | 0 |
| Double blunt (*Fig.* 95, *page* 23), each, ebony, 4*s.*; ivory | 0 | 4 | 9 |
| Stoker's Stiletto-hook . each, ebony, 7*s.* 6*d.*; ivory | 0 | 8 | 3 |
| **Scalpels** (*Fig.* 108, *page* 26), each, ebony, 1*s.* 4*d.*; ivory | 0 | 2 | 0 |

Fig. 350.

| | | | |
|---|---|---|---|
| **Tracheotome,** Hale White's (*Fig.* 350), 14*s.* 6*d.*, in case | 0 | 17 | 6 |

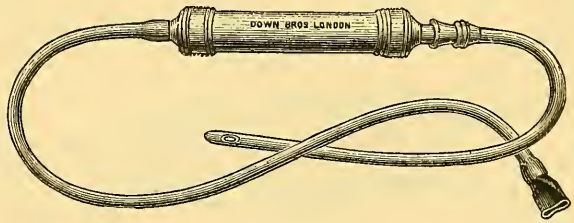


Fig. 351.

| | | | |
|---|---|---|---|
| **Tracheotomy Aspirator,** Parker's (*Fig.* 351), each, 5*s.* 6*d.*. . . . . in case | 0 | 7 | 6 |
| **Forceps for extracting Foreign Bodies from Trachea and Bronchi,**— | | | |
| Gross's silver, to bend to any angle . . . each | 1 | 7 | 0 |
| Lucas's curved steel (*Fig.* 352), nickel plated . „ | 0 | 12 | 6 |
| Durham's, set of three, on pliable stems, each £2 5*s.* in case | 2 | 10 | 6 |

## Tracheotomy Instruments, *continued.*

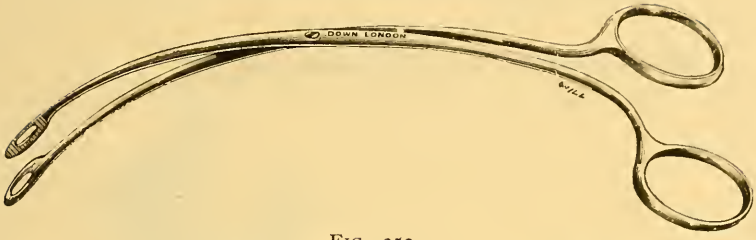


FIG. 352.

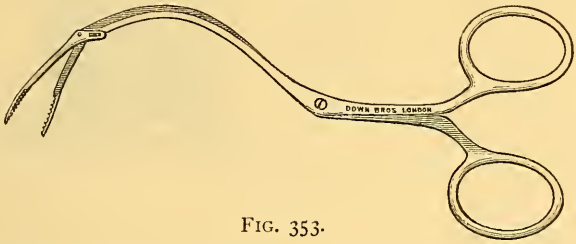


FIG. 353.

| | £ | s. | d. |
|---|---|---|---|
| Forceps for extracting False Membrane (*Fig.* 353) each | 0 | 11 | 6 |

*Nickel plated, 9d. extra.*

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## BRONCHITIS KETTLES, INHALERS, RESPIRATORS, AND SPRAY PRODUCERS, ETC.

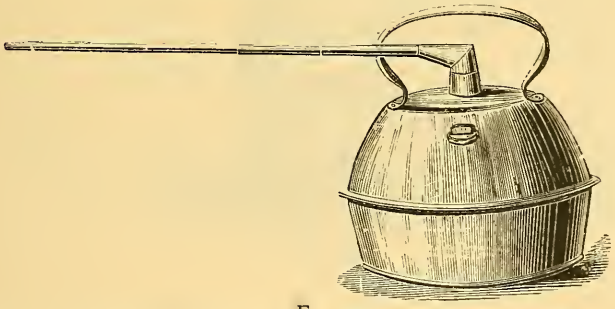


FIG. 354.

| | | | | |
|---|---|---|---|---|
| Bronchitis Kettles,— | | | | |
| Allen's (*Fig.* 354) . . . . . each | 0 | 7 | 6 | |

## Bronchitis Kettles, Inhalers, etc., *continued.*

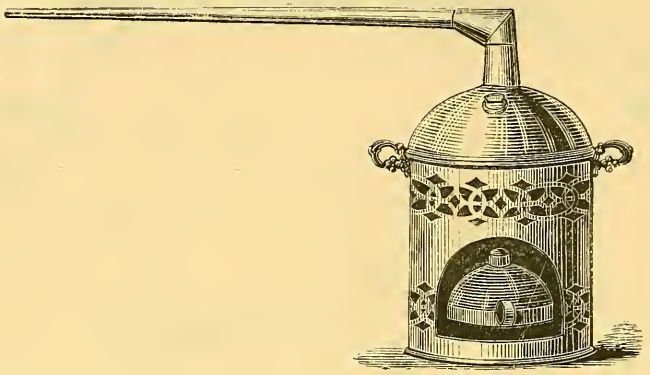


Fig. 355.

**Bronchitis Kettles,** *continued*,— £ s. d.

Allen's, with Stand and Spirit Lamp (*Fig.* 355) . each 0 15 0

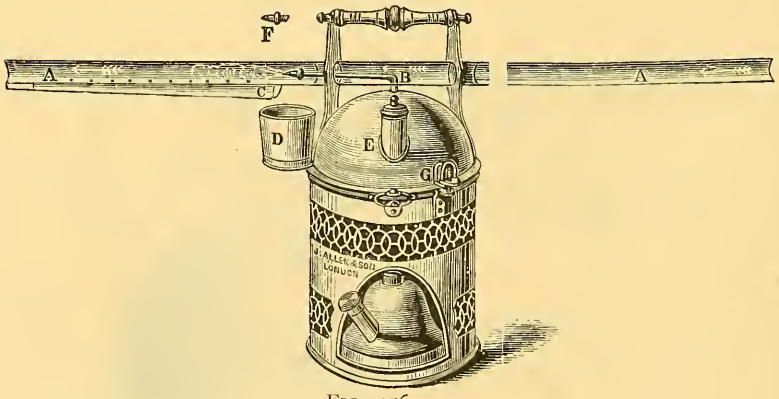



Fig. 356.

Allen's Tracheotomy, or Ventilating Croup Kettle (*Fig.* 356) . . . . . each 1 5 0

**Bronchitis Kettles, Inhalers, etc.,** *continued.*

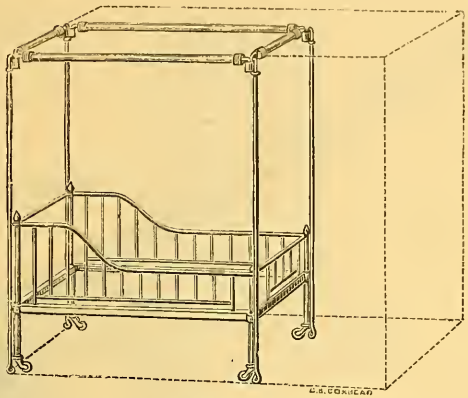


Fig. 357.

**Bronchitis Kettles,** *continued,*— £ s. d.

Portable Folding Iron Frames, for making the Tracheotomy Tent (will suit cot or bedstead) (*Fig.* 357) per set 1 0 0

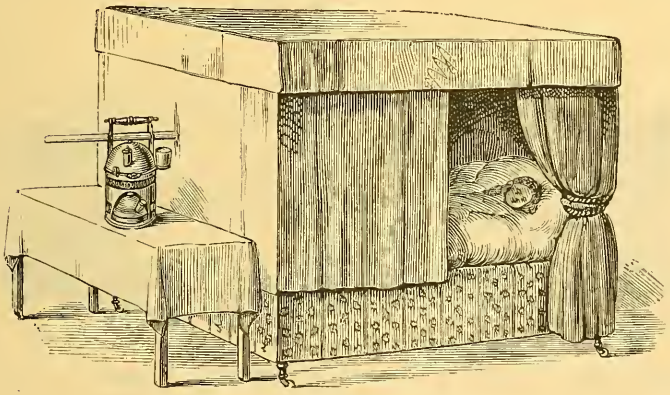


Fig. 358.

*Fig.* 358 *illustrates the Iron Frame covered, with the Kettle in position, the hangings should be arranged to allow sufficient ventilation.*

## Bronchitis Kettles, Inhalers, etc., *continued.*

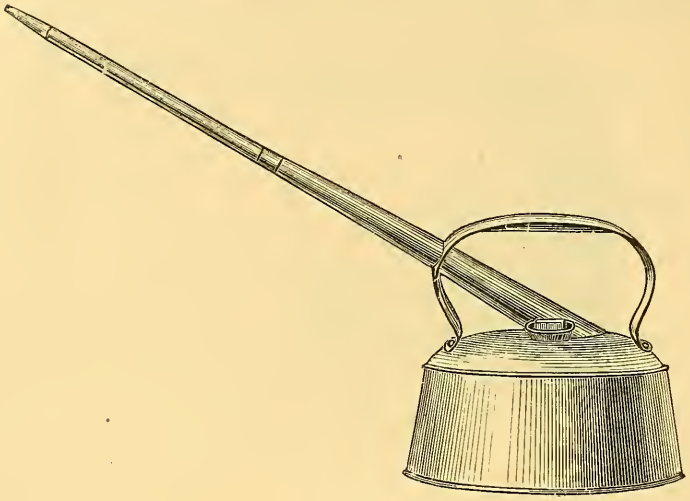


Fig. 359.

| | £ | s. | d. |
|---|---|---|---|
| **Bronchitis Kettles,** *continued*,— | | | |
| Down Bros.', for use over fire (*Fig.* 359) . . each | 0 | 3 | 6 |
| Ditto, with Medicator . . . . . „ | 0 | 4 | 6 |
| Ditto, with both Ordinary and Medicating Tubes . „ | 0 | 5 | 6 |

Fig. 360.

Fig. 361.

Fig. 362.

| | | | |
|---|---|---|---|
| **Vaporizer,** Bowman's, for disinfecting sick rooms (*Fig.* 360) . . . . . each | 0 | 8 | 6 |
| **Hot Air and Vapour Baths,**— | | | |
| Hot Air Baths (*Fig.* 361) . each, tin, 13*s.* 6*d.*; copper | 0 | 18 | 0 |
| Mercurial Vapour Baths, Lee's (*Fig.* 362) . . each | 0 | 8 | 6 |
| Cloaks for ditto . . . . . „ | 0 | 14 | 0 |

## Bronchitis Kettles, Inhalers, etc., *continued.*

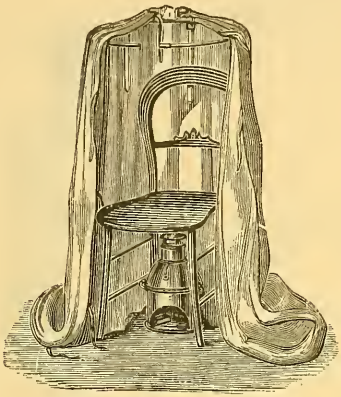


Fig. 363.

| Hot Air and Vapour Baths, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Vapour and Hot Air Bath, Allen's, for use under chair, with cloak and tinned iron supports (*Fig.* 363) complete in box . . . . . each | 2 | 10 | 0 |
| Ditto, the apparatus only, exclusive of cloak, etc. „ | 1 | 2 | 6 |

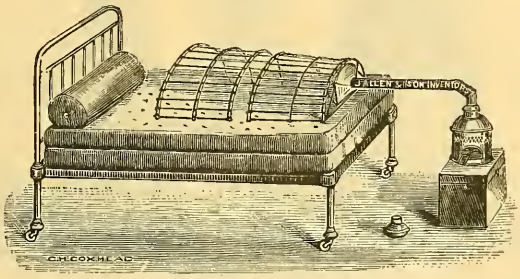



Fig. 364.

| | | | |
|---|---|---|---|
| Ditto, with Tubes, or use under bedclothes, with 2 wicker frames and foot-plate (*Fig.* 364), complete in box . . . . . each | 2 | 5 | 0 |
| Ditto, ditto, the apparatus only, exclusive of wicker frames, foot-plate, and box . . . . each | 1 | 10 | 0 |

## Bronchitis Kettles, Inhalers, etc., *continued*

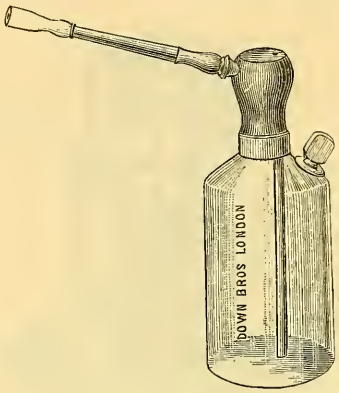



Fig. 365.

| | £ | s. | d. |
|---|---|---|---|
| **Inhalers,—** | | | |
| Eclectic . . . . . each | 0 | 12 | 6 |
| Glass, for Iodine (*Fig.* 365) . . . . . „ | 0 | 5 | 0 |

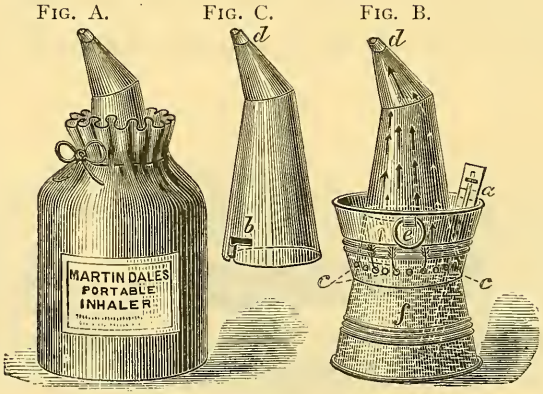



Fig. 366.

(*Fig.* 366)—*A simple, portable, and efficient apparatus, in which the air inspired becomes fully charged with the medicament, heat, and moisture, while the exertion to the patient is reduced to a minimum.*

*The body of the apparatus is made of tin, with an earthenware mouth-piece. Fig.* A *shows it ready for use with a woollen covering, which prevents the rapid lowering of the temperature of the fluid contained in it, and allows it to be handled without burning the patient's fingers. In Fig.* B *the apparatus is shown without the cover; and in Fig.* C *the upper part is disconnected from the lower chamber. It is attached to the latter by*

## Bronchitis Kettles, Inhalers, etc., *continued.*

*means of a bayonet catch, b. The thermometer, a, shown* in situ *in Fig. 8, for travelling packs in a case, which can be enclosed in the interior of the apparatus. When in use, the lower chamber, f, is filled with water at the required temperature (about 140° to 150° F.), until the holes, c c, establishing communication between the interior and the outside channel, are about a quarter of an inch below the surface of the liquid. d d is an earthenware mouthpiece; e is a ring handle.*

| **Inhalers,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Martindale's (*Fig.* 366) . . . . . each | 0 | 6 | 6 |

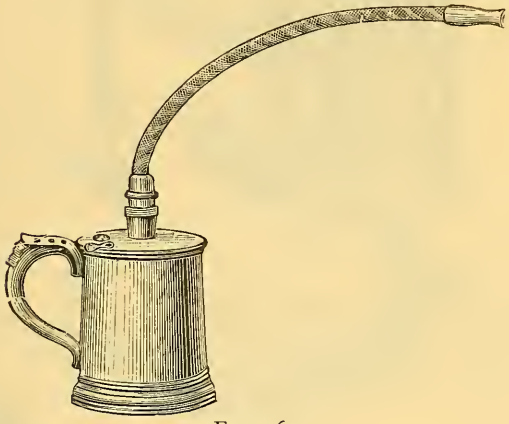


Fig. 367.

| | | | |
|---|---|---|---|
| Mudge's (*Fig.* 367) . . . . . each | 0 | 8 | 6 |
| Nelson's . . . . . „ | 0 | 3 | 9 |

Fig. 368.

| | | | |
|---|---|---|---|
| Robson's (*Fig.* 368) . . . . . each | 0 | 6 | 0 |

## Bronchitis Kettles, Inhalers, etc., *continued.*

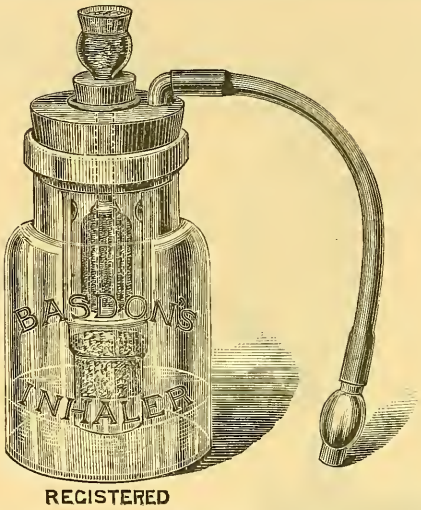



Fig. 369.

| Inhalers, Chloride of Ammonium,— | £ | s. | d. |
|---|---|---|---|
| Basdon's, with recent improvements . . . each | 0 | 7 | 6 |

*"The Inhaler invented by Basdon is in every respect good."—Journal of Laryngology, June,* 1887.

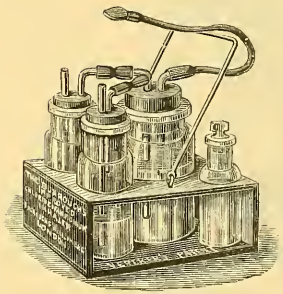


Fig. 370.

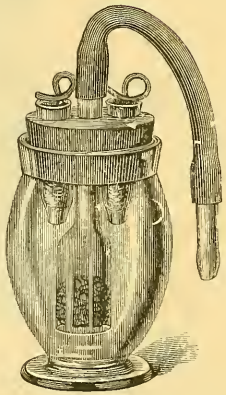


Fig. 371.

| | | | | | |
|---|---|---|---|---|---|
| Burrough's (*Fig.* 370) . . . . . | . each | 0 | 7 | 6 |

*"The Burroughs Inhaler is a very perfect apparatus, and possesses the advantage that it need not be recharged every time before using."—Journal of Laryngology, June,* 1887.

## Bronchitis Kettles, Inhalers, etc., *continued.*

**Inhalers, Chloride of Ammonium,** *continued,*— £ s. d.
Godfrey's (*Fig.* 371) . . . . . each 0 7 6

*This instrument claims to produce a large volume of perfectly neutral vapour, causing less exertion to the patient.*

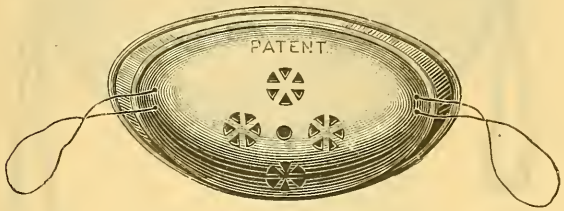



Fig. 372.

**Antiseptic Inhaling Respirators,**— £ s. d.
**Oral,**—
Celluloid (*Fig.* 372) . . . . . each 0 2 6

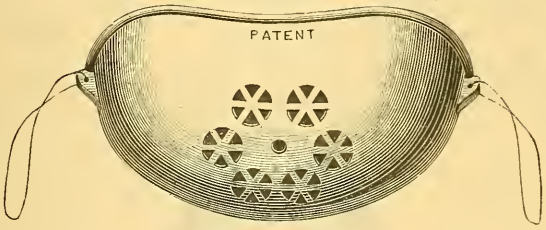



Fig. 373.

Coghill's, celluloid (*Fig.* 373) . . . . each 0 3 6

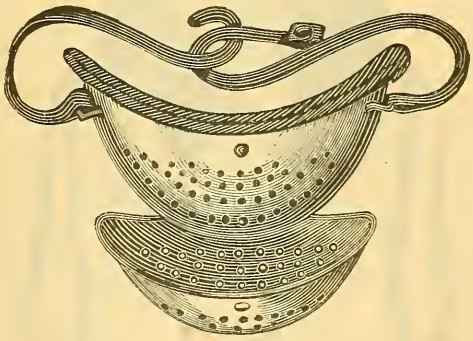


Fig. 374.

Ditto, metal (*Fig.* 374) . . . . . each 0 3 6

## Bronchitis Kettles, Inhalers, etc., *continued.*

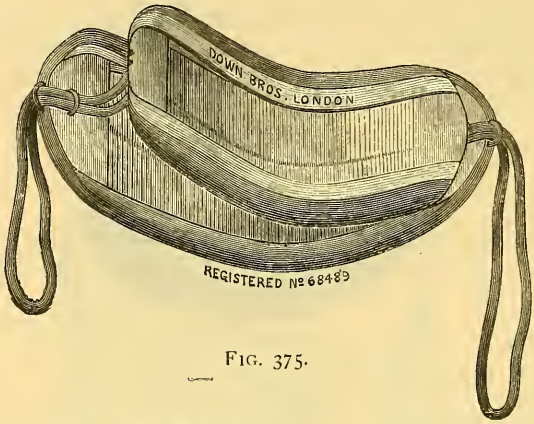



FIG. 375.

**Antiseptic Inhaling Respirators,** *continued*,— £ s. d.

**Oral,** *continued.*—

James' "Pneumatikon" (*Fig.* 375) . . . each 0 8 3

*This instrument retains all the scientific principles of the original respirator of Mr. Julius Jeffreys, combined with arrangement for using Antiseptic Medicants.*

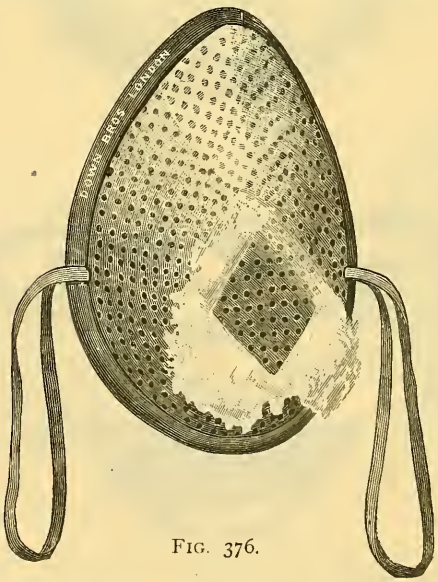



FIG. 376.

**Orinasal,**—

Burney Yeo's perforated zinc, with padded edges (*Fig.* 376) . . . . . per doz. 0 6 0

**Bronchitis Kettles, Inhalers, etc.,** *continued.*

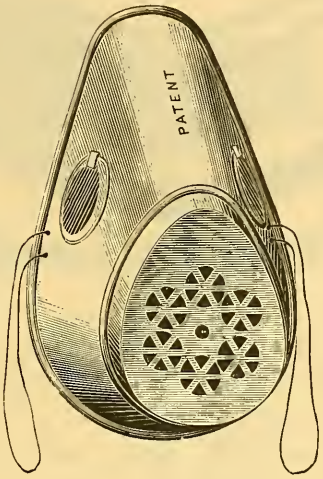



Fig. 377.

| | £ | s. | d. |
|---|---|---|---|
| **Antiseptic Inhaling Respirators,** *continued.*— | | | |
| **Orinasal,** *continued,*— | | | |
| Burney Yeo's, perforated zinc, covered as recommended by Mr. Brindley James . . per doz. | 0 | 12 | 0 |
| Celluloid (*Fig.* 377) . . . . . each | 0 | 5 | 0 |

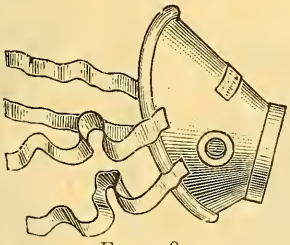


Fig. 378.

| | | | |
|---|---|---|---|
| Hunter Mackenzie's, metal, with padded edges (*Fig.* 378) each | 0 | 6 | 0 |
| Metal, plain bronzed . . . . . ,, | 0 | 3 | 9 |
| **Antiseptic Solution,** for use with any of the above— | | | |
| Coghill's . . . . . per doz. bottles | 0 | 12 | 0 |

## Bronchitis Kettles, Inhalers, etc., *continued.*

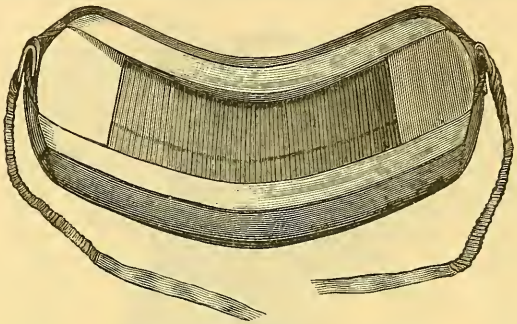


Fig. 379.

| | £ | s. | d. |
|---|---|---|---|
| **Respirators,** Mr. Julius Jeffrey's Original (*Fig.* 379),— | | | |
| Dwarf, plated (retail 2*s.* 6*d.*, 3*s.* 6*d.*, 5*s.* 6*d.*) each 1*s.* 11*d.*, 2*s.* 8*d.*, and | 0 | 4 | 0 |
| Ditto, gilt (retail 7*s.*) . . . . . each | 0 | 5 | 3 |
| Ladies' or Gentlemen's, low power, plated (retail 7*s.*) each | 0 | 5 | 3 |
| Ditto, ditto, gilt (retail 9*s.*) . . . . „ | 0 | 6 | 9 |
| Ditto, full power, plated (retail 8*s.* 6*d.*) . . „ | 0 | 6 | 4 |
| Ditto, ditto, gilt (retail 12*s.*) . . . . „ | 0 | 9 | 0 |

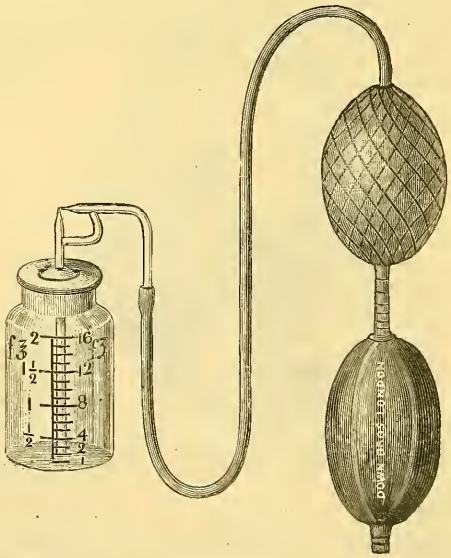



Fig. 380.

## Bronchitis Kettles, Inhalers, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Respirators,** *continued*,— | | | |
| Orinasal, Ladies' or Gentlemen's, plated (retail 10*s.* 6*d.*) each | 0 | 7 | 10 |
| Ditto, ditto, gilt (retail 14*s.*) . . . . ,, | 0 | 10 | 6 |
| **Spray Producers,**— | | | |
| Clarke's (*Fig.* 380), with glass tube . . . each | 0 | 5 | 0 |
| Spare Tubes for ditto . . . . per doz. | 0 | 3 | 6 |
| Clarke's (*Fig.* 380), with silver tube . . . each | 0 | 10 | 6 |
| Spare Tubes for ditto . . . . . ,, | 0 | 5 | 3 |

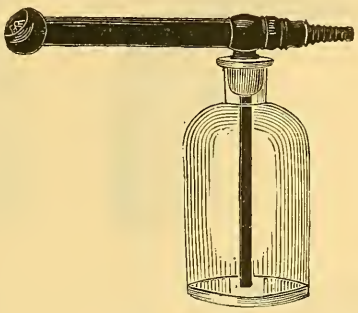


FIG. 381.

| | | | |
|---|---|---|---|
| Dewar's, vulcanite (*Fig.* 381) . . . . each | 0 | 8 | 6 |
| Spare Tubes for ditto . . . . . ,, | 0 | 4 | 0 |

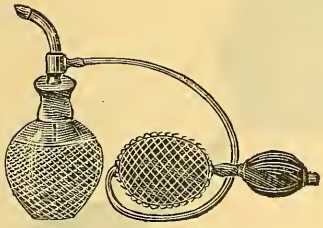


FIG. 382.

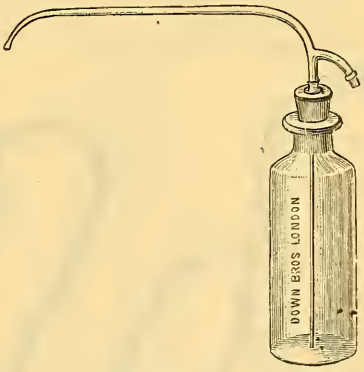



FIG. 383.

| | | | |
|---|---|---|---|
| Eustachian . . . . . each | 1 | 2 | 0 |
| Globe Spray, metal tubes (*Fig.* 382) . . . ,, | 0 | 3 | 6 |
| Laryngeal, with silver inner tube (*Fig.* 383) . . ,, | 0 | 16 | 6 |

The price of Sprays in every case includes bellows.

## Bronchitis Kettles, Inhalers, etc., *continued.*

Fig. 385.

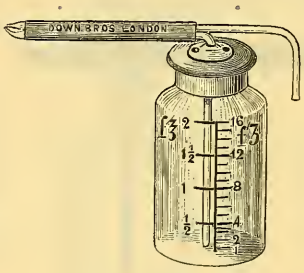



Fig. 384.

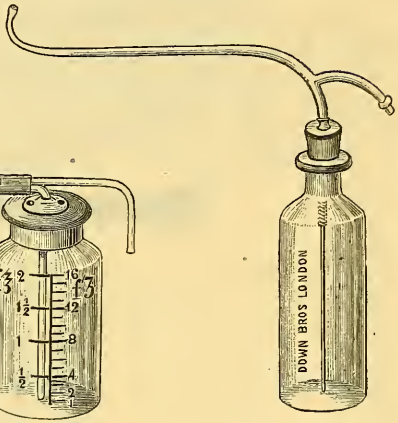



Fig. 386.

| Spray Producers, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Maunder's, with glass tubes (*Fig.* 384) . . . each | 0 | 6 | 0 |
| Spare Tubes for ditto . . . . . „ | 0 | 1 | 0 |
| Nasal, with silver inner tube (*Fig.* 385) . . „ | 0 | 13 | 6 |
| Posterior Nasal, for passing through mouth (*Fig.* 386) „ | 0 | 16 | 6 |
| Prosser James's . . . . . „ | 0 | 4 | 6 |
| Spare Tubes for ditto . . . . . „ | 0 | 1 | 0 |

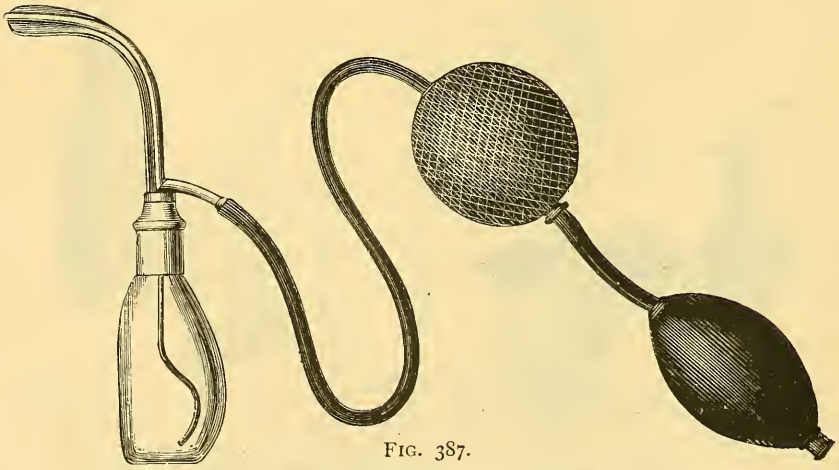


Fig. 387.

The price of Sprays in every case includes bellows.

## Bronchitis Kettles, Inhalers, etc., *continued.*

**Spray Producers,** *continued,*— £ s. d.

Schnitzler's (*Fig.* 387) . . . . . each 0 11 6

FIG. 388.

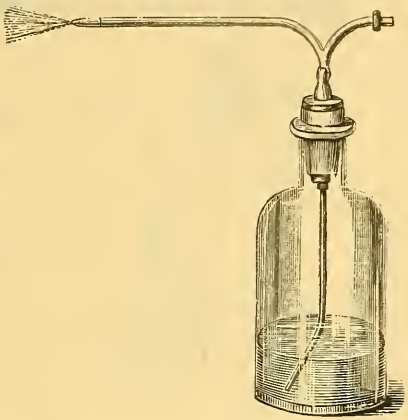


FIG. 389.

Self-cleansing, for carbolizing sick rooms, etc., metal (*Fig.* 388) . . . . . each 0 6 0

Troeltsch's, with straight jet (*Fig.* 389) (this may be had either in metal or vulcanite). . . . each 0 7 6

FIG. 390.

Ditto, with 2 jets (*Fig.* 390) . . . . each 0 10 0

The price of Sprays in every case includes bellows.

## Bronchitis Kettles, Inhalers, etc., *continued.*

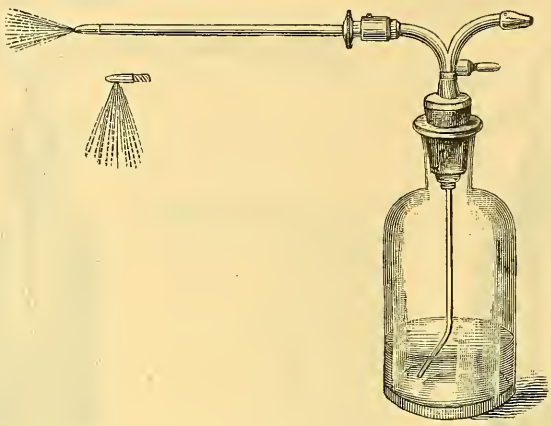


Fig. 391.

**Spray Producers,** *continued,*— £ s. d.

Troeltsch's, with 2 jets, and turning tube (*Fig.* 391) to spray in any direction, for larynx, posterior nares, etc.
each 0 13 6

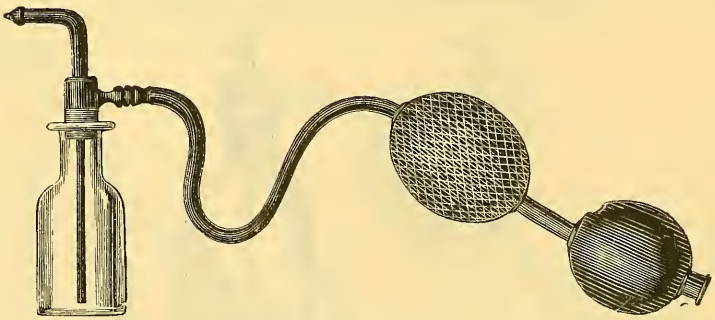


Fig. 392.

Vulcanite (*Fig.* 392), in three sizes,
each 4*s.* 6*d.*, 5*s.* 3*d.*, and 0 6 0

The price of Sprays in every case includes bellows.

## Bronchitis Kettles, Inhalers, etc., *continued.*

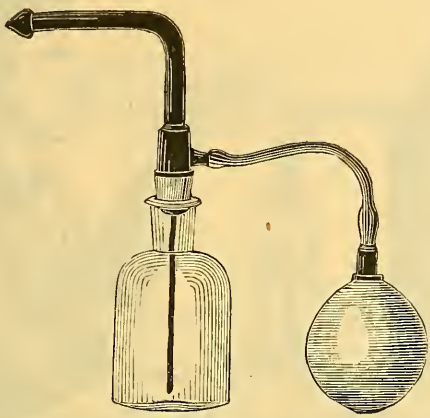


Fig. 393.

| Spray Producers, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Vulcanite, small size (*Fig.* 393), with single bellows, each | 0 | 2 | 9 |

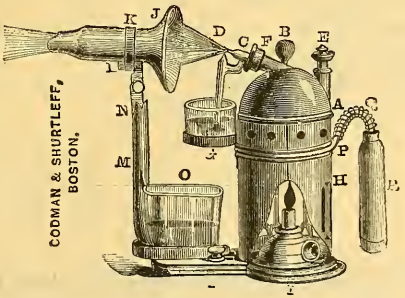



Fig. 394.

| Steam Throat Sprays,— | | | |
|---|---|---|---|
| Codman's (*Fig.* 394) . . . . . each | 1 | 0 | 0 |
| Ditto, Boiler and Lamp nickel plated . . ,, | 1 | 8 | 0 |
| Ditto, entirely nickel plated . . . . ,, | 1 | 16 | 0 |
| Face Shields, with turned-up ends for nose . . ,, | 0 | 1 | 6 |
| Spare Atomizing Tubes . . . . . ,, | 0 | 1 | 0 |

## Bronchitis Kettles, Inhalers, etc., *continued.*

Fig. 395.

| Steam Throat Sprays, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Siegel's, brass (*Fig.* 395) . . . . . | each | 0 | 2 | 8 |
| Spare Tubes for ditto . . . . . | per doz. | 0 | 3 | 6 |
| Siegel's, tin, original patent . . . . . | each | 0 | 5 | 3 |
| Spare Tubes for ditto . . . . . | per doz. | 0 | 6 | 0 |
| Siegel's, Improved nickel plated . . . . | each | 0 | 6 | 0 |
| Spare Metal Tubes for ditto . . . . . | „ | 0 | 1 | 6 |

## STOMACH PUMPS, ŒSOPHAGUS BOUGIES, AND TUBES, Etc.

Stomach Pumps,—

| | | | | |
|---|---|---|---|---|
| Brass, with flute key lever, with tubes and mounts, to use also as an Enema (*Fig.* 396), in mahogany case . . . . . | each | 1 | 15 | 6 |
| Ditto, valve, with tubes and mounts, to use also as an Enema, in mahogany case . . . . | each | 1 | 5 | 6 |

## Stomach Pumps, Œsophagus Bougies, etc., *continued.*

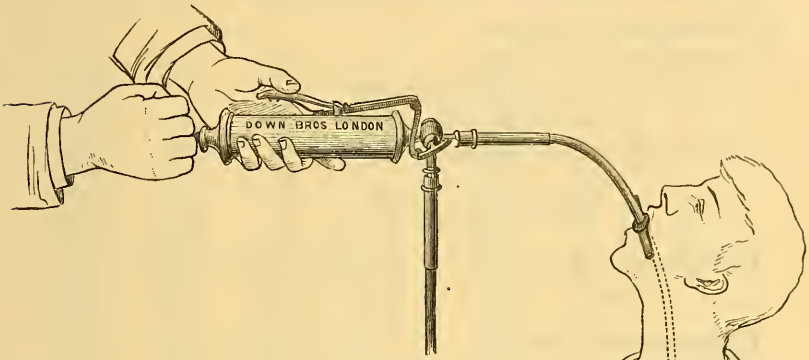



Fig. 396.

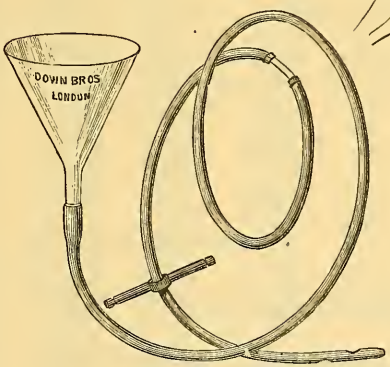



Fig. 397.

| | £ | s. | d. |
|---|---|---|---|
| **Stomach Pumps**, *continued*,— | | | |
| Siphon, with glass funnel and india-rubber tube for feeding (*Fig.* 397), in cedar box . . . . . | 0 | 7 | 6 |

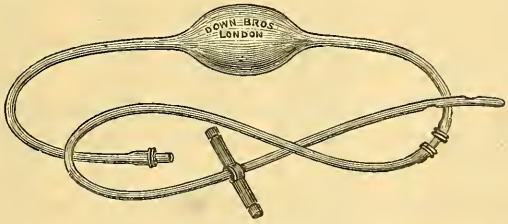



Fig. 398.

| | | | |
|---|---|---|---|
| Tosswill's (*Fig.* 398), in cedar box . . . . . | 0 | 9 | 6 |

## Stomach Pumps, Œsophagus Bougies, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Œsophagus Bougies,—** | | | |
| Catgut, fine size only . . . . . each | 0 | 2 | 6 |
| Elastic Gum, cylindrical (*Fig.* 399) . . . „ | 0 | 2 | 0 |
| „ „ Durham's (*Fig.* 400) . . . „ | 0 | 3 | 0 |
| Soft black, bulbous (*Fig.* 401) . . . . „ | 0 | 4 | 6 |
| „ conical (*Fig.* 402) . . . . „ | 0 | 3 | 9 |
| „ cylindrical (*Fig.* 399) . . . . „ | 0 | 3 | 0 |

**Œsophagus Forceps,** for removing foreign bodies (*see pages* 70–72).

**Œsophagus Sounds,—**

| | | | |
|---|---|---|---|
| Whalebone, with set of 6 metal olive ends (*Fig.* 403) each | 0 | 15 | 6 |

**Œsophagus Tubes,—**

| | | | |
|---|---|---|---|
| Elastic Gum . . . . . each | 0 | 2 | 6 |
| „ funnel ends (*Fig.* 404) . . . „ | 0 | 3 | 0 |
| Silk . . . . . „ | 0 | 4 | 6 |
| „ funnel ends (*Fig.* 404) . . . . „ | 0 | 5 | 6 |
| Soft black . . . . . „ | 0 | 3 | 9 |
| „ funnel ends (*Fig.* 404) . . . . „ | 0 | 5 | 3 |
| India-rubber . . each, 4*s.*, sizes 21 to 24 „ | 0 | 4 | 6 |

*The above are made in all sizes, from 7 to 24, Catheter gauge, for passing through nose or mouth.*

**Œsophagus Tubes, etc., as described by Mr. Charters J. Symonds** (*see Clinical Society's Reports, etc.*).

| | | | |
|---|---|---|---|
| Coudé Tubes, made of flexible Silk Web, for passing obstructions, sizes 8 and 10 (*Fig.* 405) . . each | 0 | 5 | 6 |
| India-rubber Tubes (gauge 12), with large lumen and thin walls, for later stages of disease . . each | 0 | 4 | 0 |
| Symond's Short Funnel-ended Tubes, for permanent wear, Silk Web, sizes 8 to 18 inclusive (*Fig.* 406) each | 0 | 3 | 0 |
| Ditto, Whalebone Introducer, for same . . „ | 0 | 10 | 6 |

*Fig.* 407 *shows the Introducer with the Tube upon it, ready for introduction.* *Fig.* 408 *shows the Tube* in situ.

## Stomach Pumps, Œsophagus Bougies, etc., *continued.*

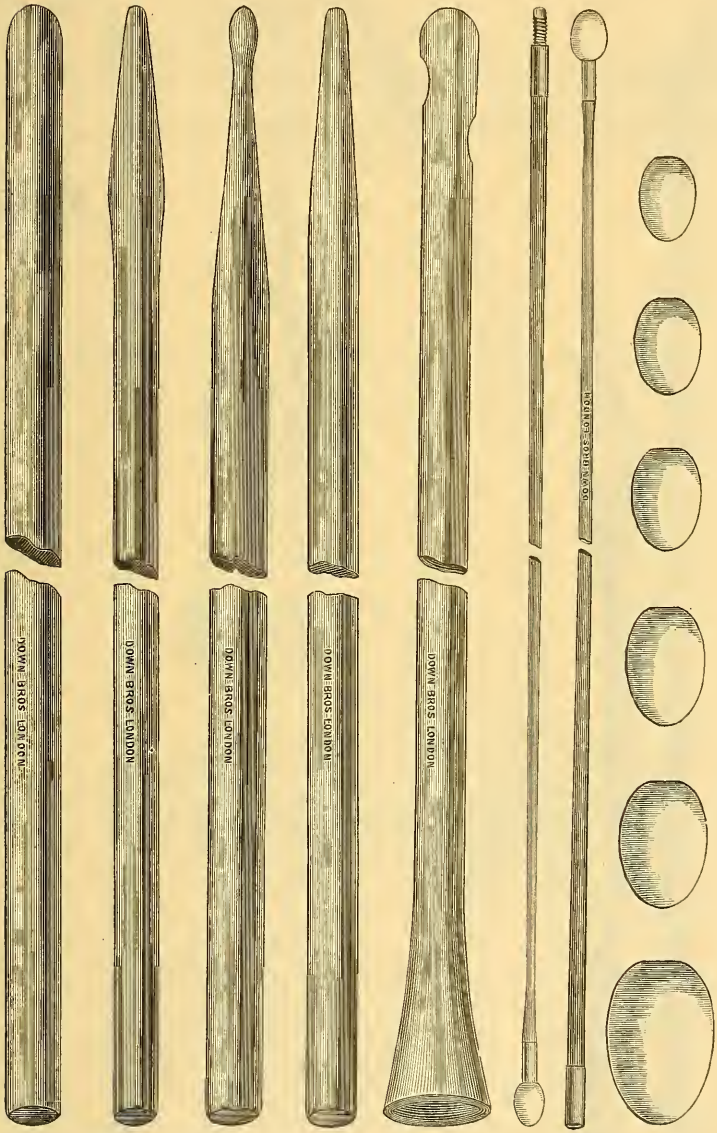



Fig. 399. Fig. 400. Fig. 401. Fig. 402. Fig. 404. Fig. 403.

## Stomach Pumps, Œsophagus Bougies, etc., *continued.*

Fig. 405.

Fig. 406.

Fig. 407.

Fig. 408.

To illustrate Mr. Charters J. Symonds Œsophagus Tube *in situ*:—

A. *Upper aperture of Larynx.*

B. *Œsophagus laid open from behind.*

C. *Silk thread by which the tube is retained in position and withdrawn.*

D. *Wide upper end of the tube above the stricture.*

E. *Narrower lower part of tube below the stricture.*

F. *Cardiac end of stomach.*

Fig. 409.

## Stomach Pumps, Œsophagus Bougies, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Probangs,—** | | | |
| Bristle (*Fig.* 409) . . . . . each | 0 | 2 | 3 |

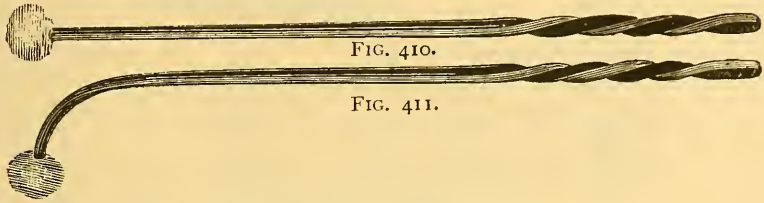


Fig. 410.

Fig. 411.

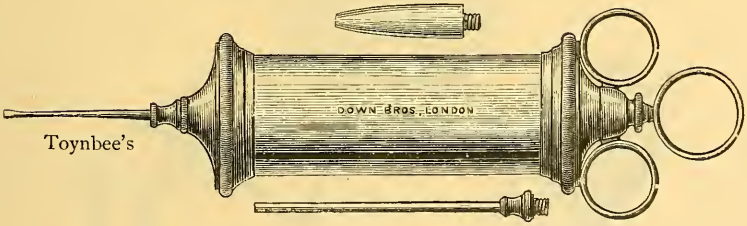
| | | | |
|---|---|---|---|
| On whalebone stems, straight or curved (*Figs.* 410 *and* 411) . . . . . per doz. | 0 | 16 | 6 |

Fig. 412.

| | | | |
|---|---|---|---|
| With coin catcher (*Fig.* 412) . . . . each | 0 | 3 | 9 |

## EAR INSTRUMENTS.

Abernethy's.




Toynbee's

Allen's. Fig. 413.

| | | | |
|---|---|---|---|
| **Brass Ear Syringes**, fitted with Abernethy's (ivory or metal), Allen's, or Toynbee's Pipes, each, 1-oz. 5*s.* 6*d.*; 2-oz. 6*s.* 6*d.*; 3-oz. 7*s.* 6*d.*; 4-oz. | 0 | 8 | 6 |
| Ditto, with finger-rings (*Fig.* 413), ditto, each, 1-oz. 6*s.* 6*d.*; 2-oz. 7*s.* 6*d.*; 3-oz. 8*s.* 6*d.*; 4-oz. | 0 | 9 | 6 |
| Cases for ditto, each extra, 1-oz. 3*s.* 6*d.*; 2-oz. 4*s.*; 3-oz. 4*s.*; 4-oz. | 0 | 4 | 0 |
| Pewter Ear Syringes . . . . . each | 0 | 1 | 9 |

## Ear Instruments, *continued.*

Fig. 414.

| Brass Ear Syringes, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Soft, Conical, india-rubber ends to fit over Abernethy's pipes, for use with children, etc. (*Fig.* 414) . . | 0 | 1 | 6 |
| Hartmann's Tubes, to attach to Ear Syringe, for removal of deposits in posterior, superior part of Tympanic Cavity and Mastoid process, each, vulcanite, 2*s.* 6*d.*; silver | 0 | 5 | 6 |

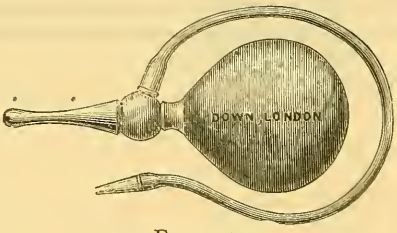



Fig. 415.

| | | | |
|---|---|---|---|
| Ear Siphons (*Fig.* 415) . . . in case, each | 0 | 4 | 0 |

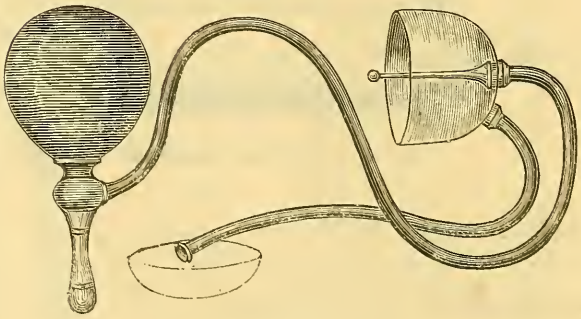


Fig. 416.

| | | | |
|---|---|---|---|
| With glass chamber and waste-pipe (*Fig.* 416) . each | 0 | 10 | 0 |
| Lucae's, for removing foreign bodies (*Fig.* 417) . „ | 0 | 3 | 6 |

## Ear Instruments, *continued.*

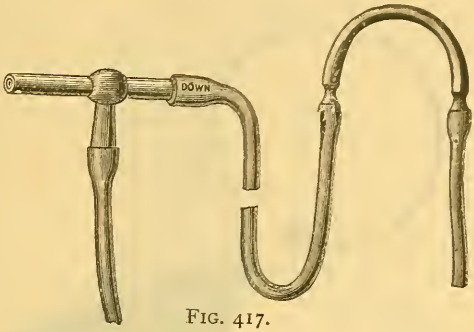



Fig. 417.

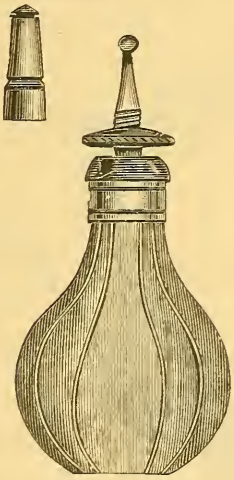


Fig. 418.

| | £ | s. | d. |
|---|---|---|---|
| **Ear Syringes**, india-rubber (*Fig.* 418), per doz., 1-oz., 17*s.* 6*d.*; 2-oz. | 1 | 0 | 0 |

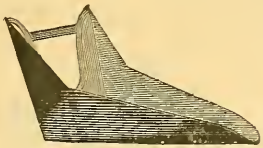


Fig. 419.

**Channels, etc.,—**

| | | | | |
|---|---|---|---|---|
| Ear Channel (*Fig.* 419) . . . . . | each | 0 | 1 | 6 |

## Ear Instruments, *continued.*

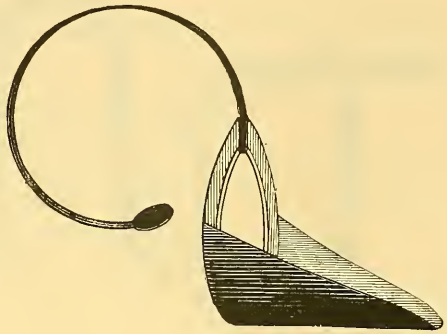


Fig. 420.

**Channels, etc.,** *continued,*— £ *s. d.*

Ear Channel, with spring (*Fig.* 420) . . . each 0 3 6

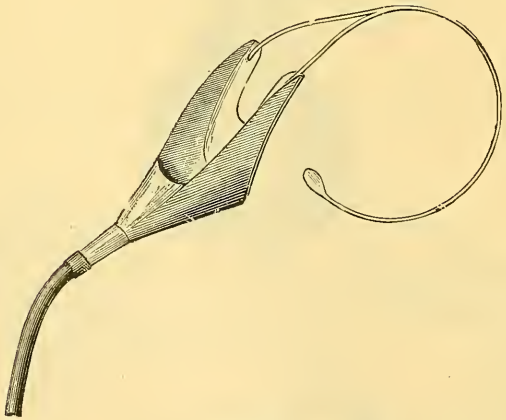


Fig. 421.

Ditto, ditto, and spout (*Fig.* 421) . . . each 0 4 6

## Ear Instruments, *continued.*

Fig. 422.

| Channels, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| Gardiner Brown's Glass Ear Trough (*Fig.* 422) . each | 0 | 4 | 6 |
| Ditto, ditto, with mahogany stand . . . „ | 0 | 10 | 6 |

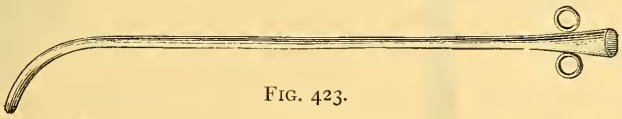


Fig. 423.

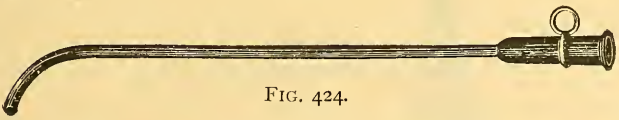


Fig. 424.

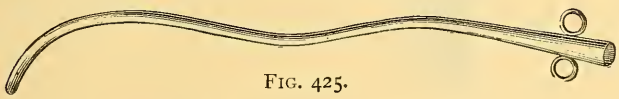


Fig. 425.

**Eustachian Catheters,—**

| | | | |
|---|---|---|---|
| Kramer's (*Figs.* 423 *and* 424) each, vulcanite, 1*s.* 6*d.*; plated, 2*s.* 9*d.*; silver | 0 | 5 | 6 |
| Pilcher's (*Fig.* 425), each, vulcanite, 1*s.* 6*d.*; plated, 2*s.* 9*d.*; silver | 0 | 5 | 6 |

## Ear Instruments, *continued.*

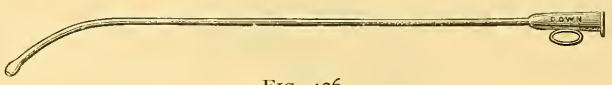



Fig. 426.

Fig. 427.

| **Eustachian Catheters,** *continued,* — | £ | *s.* | *d.* |
|---|---|---|---|
| Purves' (*Fig.* 426), each, vulcanite, 1*s.* 6*d.*; plated, 2*s.* 9*d.*; silver | 0 | 5 | 6 |
| Woakes', short silver . . . . . each | 0 | 5 | 6 |
| Elastic Gum (*Fig.* 427), for passing through any of the above . . . . . each | 0 | 2 | 6 |
| Vulcanite, with valve attached (for use with Politzer's apparatus) . . . . . each | 0 | 3 | 0 |

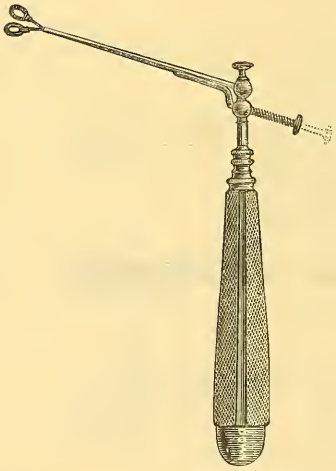


Fig. 428.

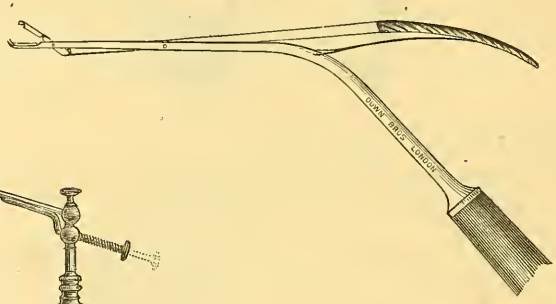



Fig. 429.

| **Forceps,**— | | | |
|---|---|---|---|
| Abbott's . . . . . each | 0 | 7 | 6 |
| Avery's Canula, for Polypi (*Fig.* 428) . . . „ | 1 | 1 | 0 |
| Duplay's (*Fig.* 429) . . . . . „ | 0 | 15 | 6 |

## Ear Instruments, *continued.*

FIG. 430.

**Forceps,** *continued,*— £ s. d.

Mathieu's, with slide (*Fig.* 430) . . . . . each 0 10 6

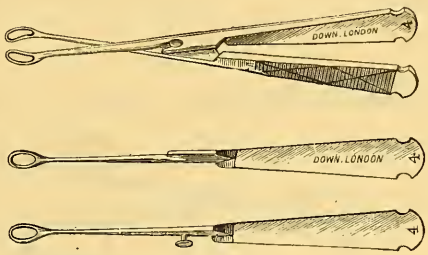



FIG. 431.

Morse's, with movable blades, for extracting foreign bodies (*Fig.* 431) . . . . . each 0 7 6

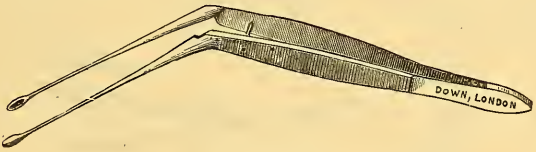



FIG. 432.

Politzer's (*Fig.* 432) . . . . . each 0 8 6

FIG. 433.

Purves' Fine Vulsellum, for seizing Polypi (*Fig.* 433), each 0 8 6

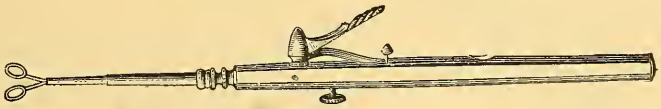


FIG. 434.

Toynbee's Canula, for Polypi (*Fig.* 434) . . . each 1 10 0

## Ear Instruments, *continued.*

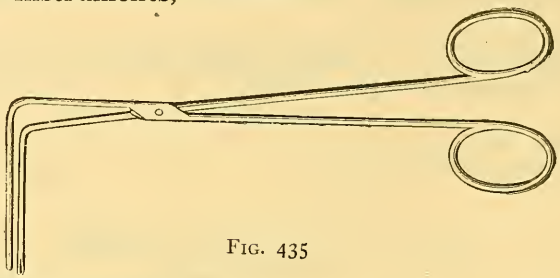


FIG. 435

**Forceps,** *continued,*— £ *s. a.*

Toynbee's rectangular (*Fig.* 435) . . . . each 0 5 6.

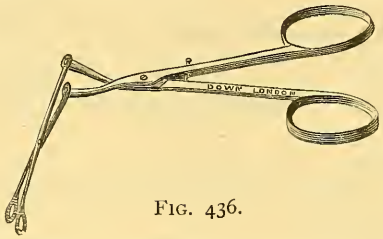



FIG. 436.

Toynbee's rectangular cross-action, with extra joint (*Fig.* 436) . . . . . each 0 9 6

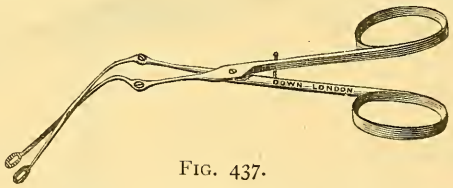



FIG. 437.

Toynbee's rectangular cross-action, improved joint (*Fig.* 437) . . . . . each 0 12 6

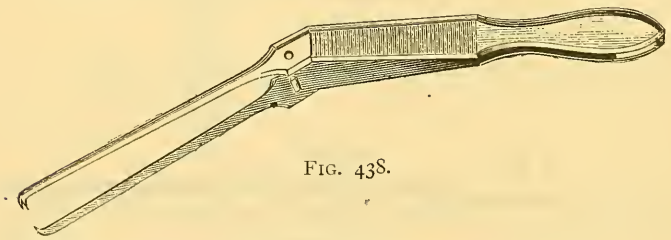


FIG. 438.

Wylde's Forceps, with serrated or tenaculum points (*Fig.* 438) . . . . . each 0 4 0

## Ear Instruments, *continued.*

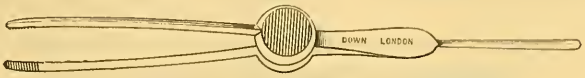



Fig. 439.

| Forceps, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Yearsley's, for applying cotton wool . . . each | 0 | 3 | 0 |
| Ditto, ditto, with probe end (*Fig.* 439) . . „ | 0 | 4 | 0 |
| Ditto, 3 patterns, for Aural Polypi . . . „ | 0 | 3 | 9 |

*Nickel plated, 9d. each extra.*

**Insufflators** (*see pages* 126, 507, *and* 508).

Fig. 440.

**Instruments for Removing Foreign Bodies, etc.,—**

| | | | |
|---|---|---|---|
| Double Screw Probe, for hard wax, etc. (*Fig.* 440), each | 0 | 5 | 6 |
| Forceps, *see* above. | | | |

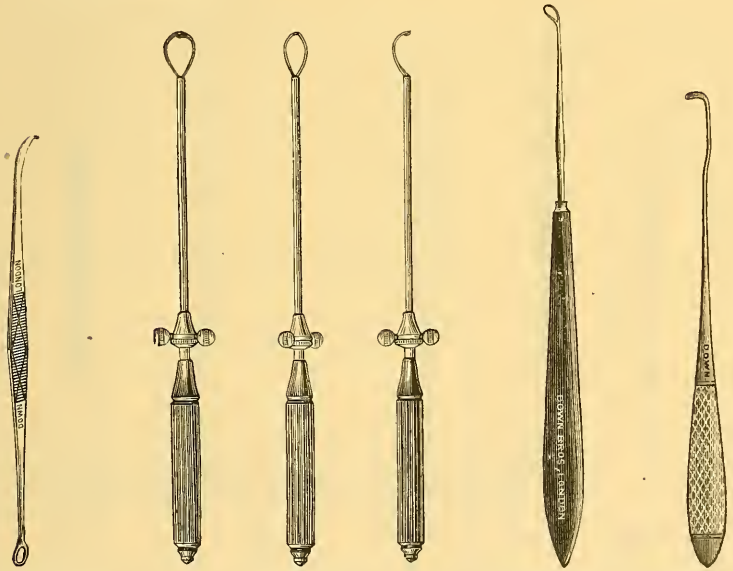



Fig. 441. Fig. 442. Fig. 443. Fig. 444.

| | | | |
|---|---|---|---|
| Gardiner Brown's Hook, ivory handle . . . each | 0 | 4 | 6 |
| Ditto, combined with Imray's Scoop (*Fig.* 441) „ | 0 | 4 | 6 |
| Gowan's Folding Loop (*Fig.* 442). . . . „ | 0 | 13 | 6 |
| Imray's Ear Scoop (*Fig.* 443) . . . . „ | 0 | 2 | 6 |
| Ditto, with ivory handle . . . . . „ | 0 | 4 | 6 |
| Lister's Hook, for hard wax (*Fig.* 444). . . „ | 0 | 2 | 0 |

## Ear Instruments, *continued.*

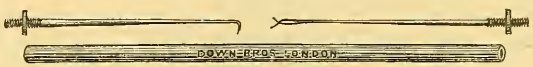



Fig 445.

## Instruments for Removing Foreign Bodies, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Perks' Double Instrument, consisting of hook and corkscrew hook (*Fig.* 445) . . . . each | o | 4 | 6 |

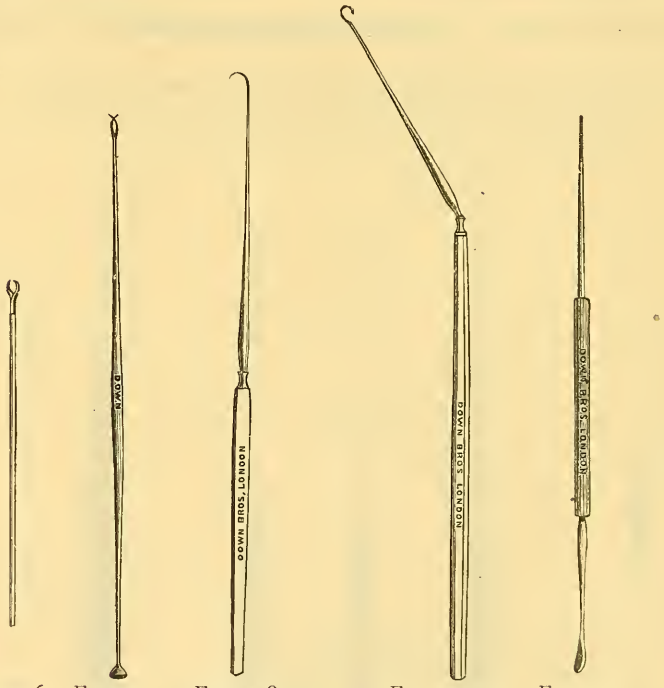



Fig. 446. Fig. 447. Fig. 448. Fig. 449. Fig. 450.

| | | | |
|---|---|---|---|
| Purves' Corkscrew Probe (*Fig.* 446) . . . each | o | 2 | o |
| Ditto, ditto and Presser, for adjusting artificial tympani (*Fig.* 447) . . . . . each | o | 4 | 6 |
| Ditto, Steel Ear Drill and Lever, for hard bodies ,, | o | 5 | 6 |
| Ditto, Sharp Hook (*Fig.* 448) . . . . ,, | o | 4 | 6 |
| Ditto, ditto, curved (*Fig.* 449) . . . . ,, | o | 4 | 6 |
| Silver Scoop and Screw Probe, combined (*Fig.* 450) ,, | o | 6 | 6 |

## Ear Instruments, *continued.*

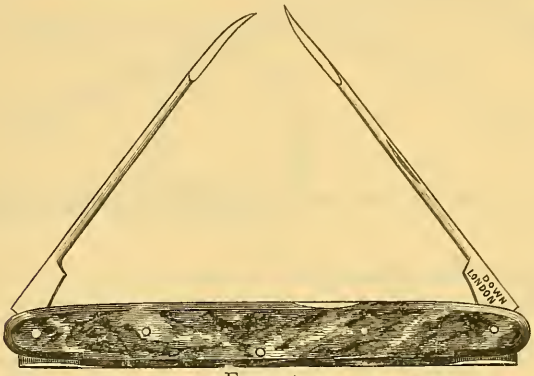



FIG. 451.

**Knives for Paracentesis, etc.,—**

| | £ | s. | d. |
|---|---|---|---|
| Gruber's (*Fig.* 451) . . . . . each | 0 | 10 | 0 |

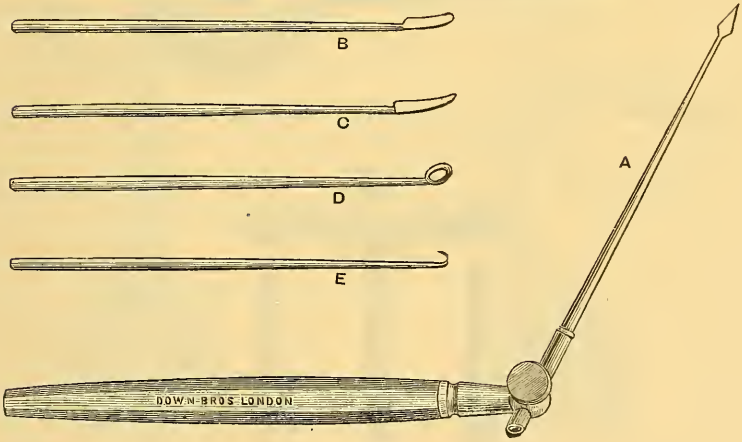



FIG. 452.

Hartmann's Set, consisting of Curette, Hook, Sharp and Blunt Curved Knives, and Myringotome, fitting one handle (*Fig.* 452). . . . . in case 1 1 0

FIG. 453

Hinton's Myringotome (*Fig.* 453). . . . each 0 2 6

## Ear Instruments, *continued.*

Fig. 454.

Fig. 455.

| **Knives for Paracentesis, etc.,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Prout's Knife and Director, for detachment of Adhesions (*Figs.* 454 and 455) . . . . . | 0 | 12 | 6 |
| Weber-Liel's Tenotome . . . . . each | 1 | 1 | 0 |

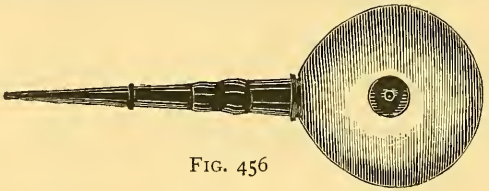


Fig. 456

**Insufflators,** for powders (*Fig.* 456) . . . each 0 2 6

*See also pages* 507, 508.

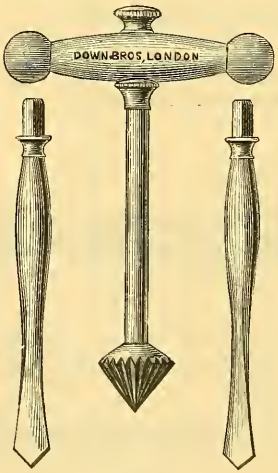



Fig. 457.

**Mastoid Drills,** Buck's (*Fig.* 457), per set of three, each 1 1 0

## Ear Instruments, *continued.*

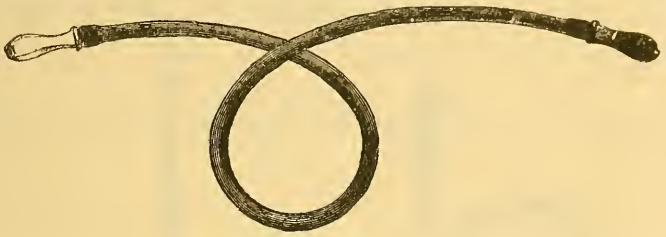


Fig. 458.

| | £ | s. | d. |
|---|---|---|---|
| **Otoscope**, or Auscultation Tube, Toynbee's (*Fig.* 458), each | 0 | 3 | 0 |

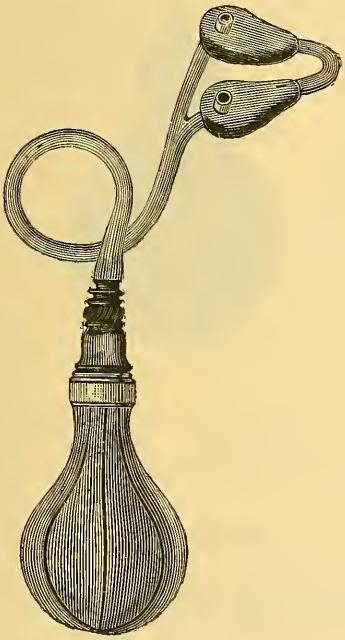


Fig. 459.

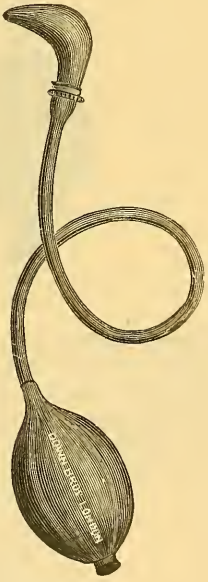


Fig. 460.

**Politzerisation Apparatus,—**

| | | | |
|---|---|---|---|
| Allen's, with valved mount and double nasal pads (*Fig.* 459) . . . . . each | 0 | 10 | 6 |
| India-rubber tube and mounts, for attaching Catheter to same . . . . . each | 0 | 2 | 0 |
| Gardiner Brown's, directs the stream of air backwards, and effectually plugs the nostril (*Fig.* 460) . each | 0 | 5 | 6 |
| Keene's Vapour Box, containing sponge for application of volatile fluids, fitted for attachment to Allen's or Politzer'sapparatus . . . . . each | 0 | 4 | 0 |

## Ear Instruments, *continued.*

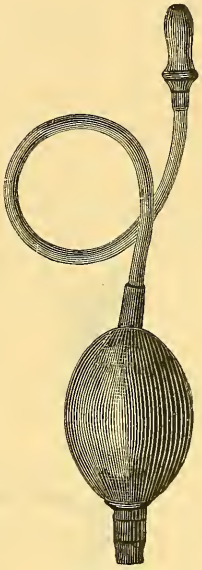


Fig. 461.

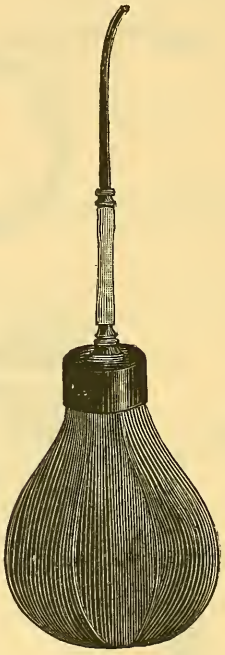


Fig. 462.

| Politzerisation Apparatus, *continued*,— | | £ | s | d. |
|---|---|---|---|---|
| Lennox Brown's (*Fig.* 461) . . . . . | each | 0 | 5 | 6 |
| Politzer's, with Catheter attached (*Fig.* 462) . . | „ | 0 | 8 | 0 |
| Plain India-rubber Bottles, with conical mounts (without valves) . . . . . | each | 0 | 5 | 0 |
| Rauschke's, with double vulcanite nose pieces . | „ | 0 | 7 | 6 |

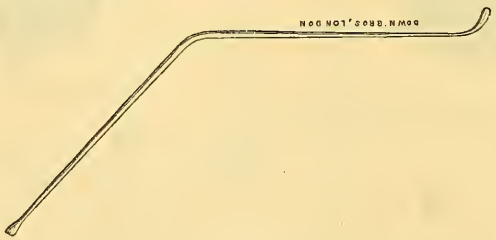


Fig. 463.

| Probes,— | | | | |
|---|---|---|---|---|
| Hartmann's Silver (*Fig.* 463) . . . . | each | 0 | 3 | 0 |

**Ear Instruments,** *continued.*

Fig. 464.

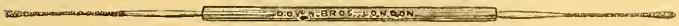



Fig. 465.

Fig. 466.

| **Probes,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Macnaugton Jones', silver (*Fig.* 464) . . . each | 0 | 6 | 6 |
| Roughened ends, ditto (*Fig.* 465). . . . „ | 0 | 4 | 6 |
| Whalebone (*Fig.* 466) . . . . . „ | 0 | 1 | 0 |

Fig. 467.

**Scissors,** Purves' Rectangular (*Fig.* 467) . per pair 1 1 0
**Snares** (*see pages* 149–151).

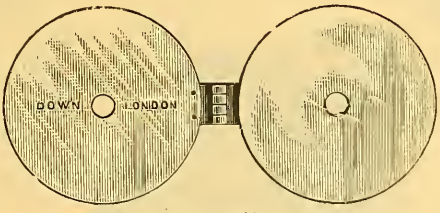



Fig. 468.

**Specula and Reflecting Mirrors,—**
**Reflecting Mirrors,—**
Baber's Pocket Reflector, with plane and concave surfaces (*Fig.* 468) . . . . . each 0 15 6

## Ear Instruments, *continued.*

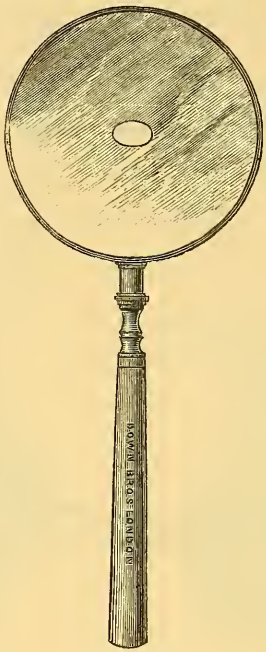



FIG. 469.

| Reflecting Mirrors, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Gardiner Brown's, with oval hole (*Fig.* 469) . . each | 0 | 11 | 6 |

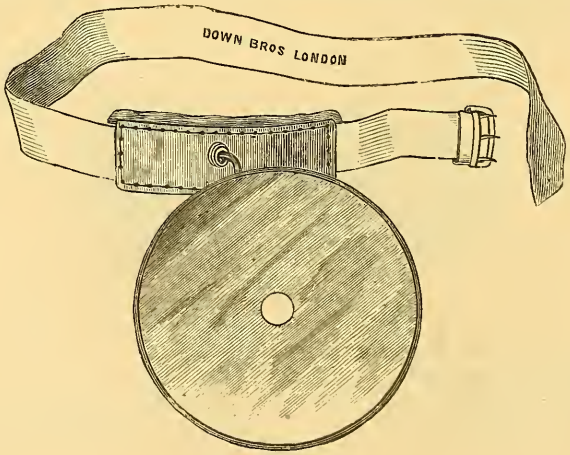



FIG. 470.

## Ear Instruments, *continued.*

**Reflecting Mirrors,** *continued,*— £ *s. d.*

Purves', with head band (*Fig.* 470) . . . each 0 15 6

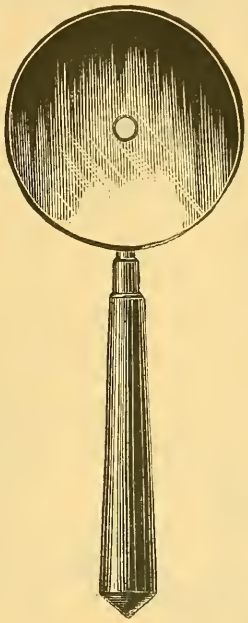


Fig. 471.

Troeltsch's (*Fig.* 471) . . . . . each 0 10 6

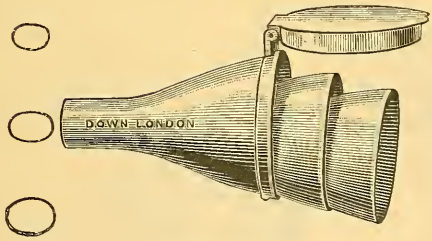



Fig. 472.

**Specula,**—

Baber's (*Fig.* 472), per set of 3, plated 12*s.* 6*d.*; silver 1 1 0

## Ear Instruments, *continued.*

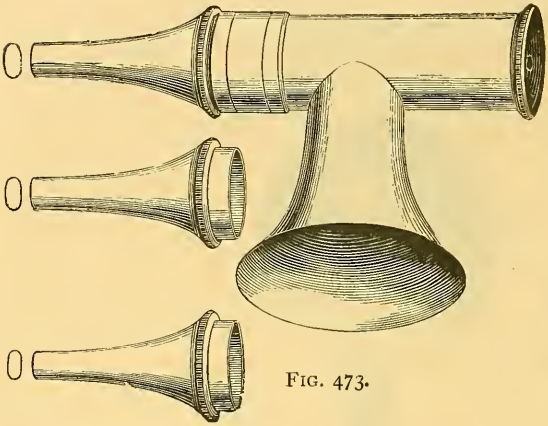


FIG. 473.

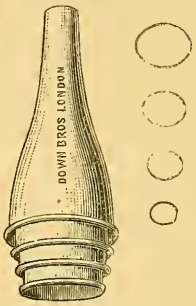



FIG. 474.

**Specula,** *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Brunton's Auriscope, with set of 3 Specula (*Fig.* 473) in case | 1 | 2 | 0 |
| Gruber's (*Fig.* 474), per set of 4, vulcanite, 5*s.*; plated | 0 | 12 | 6 |
| Ditto, set of 4, plated, with Gardiner Brown's Reflecting Mirror . . . . . in case | 1 | 8 | 6 |

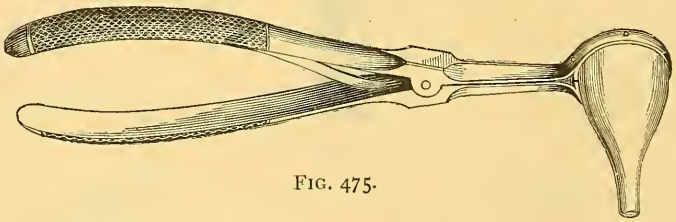


FIG. 475.

Kramer's (*Fig.* 475), with spring handles . . each 0 8 0

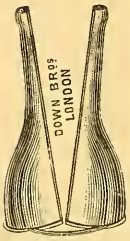



FIG. 476.

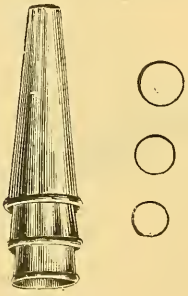


FIG. 477.

FIG 478

## Ear Instruments, *continued.*

| Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Lucas's Spring Dilating (*Fig.* 476), each, plated, 5*s.* 6*d.*; silver | 0 | 8 | 6 |
| Miot's, with Reflector, in case . . . . each | 0 | 15 | 0 |
| Purves' (*Fig.* 477), with improved rounded ends, per set of 3, plated, 7*s.* 6*d.*; silver | 0 | 15 | 6 |
| Purves', set of 3, with mirror and head band, in case, plated, 27*s.* 6*d.*; silver | 1 | 15 | 6 |
| Purves', ditto, with Troeltsch's Mirror in case, plated, 23*s.* 6*d.*; silver | 1 | 11 | 6 |
| Purves', short, for operation, per set of 3, plated, 7*s.* 6*d.*; silver | 0 | 15 | 6 |
| Purves' Magnifying (*Fig.* 478), each, plated, 10*s.* 6*d.*; silver | 0 | 15 | 6 |

*The inner lining of Fig.* 478, *containing the lens, is made shorter, so as not to diminish the lumen at the end. This can be removed, leaving the outer sheath* in situ.

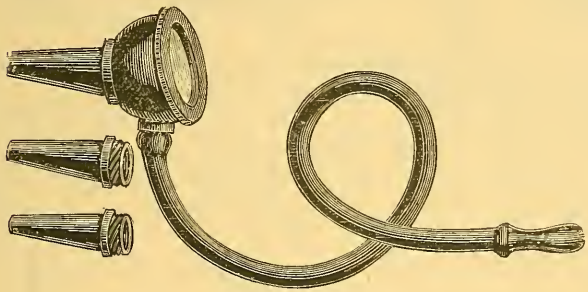


Fig. 479.

Siegle's Vulcanite Pneumatic (*Fig.* 479), each, 10*s.* 6*d.*; with set of 3 ends 0 15 6

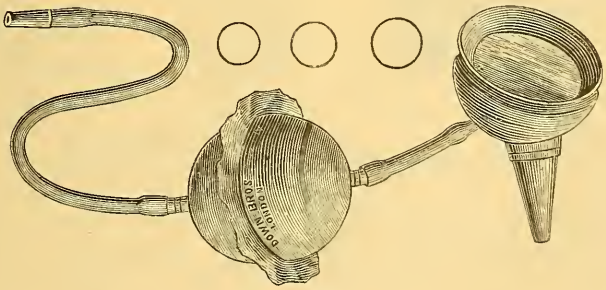


Fig. 480.

## Ear Instruments, *continued.*

| Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Siegle's Vulcanite Pneumatic, fitted with Gardiner Brown's Elastic Diaphragm, to avoid dimming of the glass by the breath (*Fig.* 480) . each extra | 0 | 5 | 0 |
| Ditto, ditto, fitted with Baber's Inflating Collars, per set, extra | 0 | 4 | 6 |

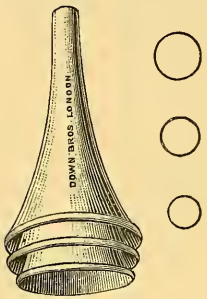



Fig. 481.

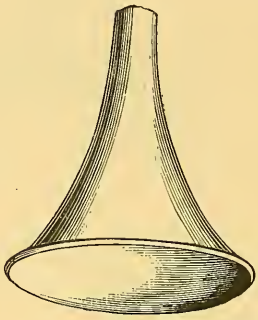


Fig. 482.

Fig. 483.

| | | | |
|---|---|---|---|
| Toynbee's (*Fig.* 481), per set of 3 plated, 9*s.* 6*d.*; silver | 0 | 19 | 0 |
| Ditto, with expanded ends (*Fig.* 482), per set of 3, plated | 0 | 12 | 0 |
| Turner's, oval at small end, ditto, ditto (*Fig.* 483), plated, 9*s.* 6*d.*; silver | 0 | 19 | 0 |

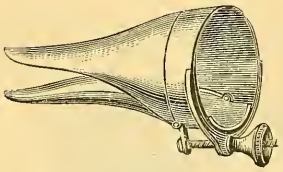


Fig. 484.

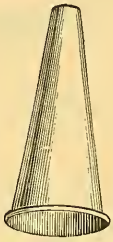


Fig. 485.

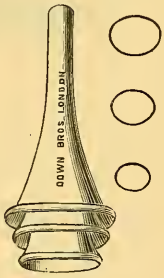



Fig. 486.

| | | | |
|---|---|---|---|
| Vulcanite . . . . . per set of 3 | 0 | 2 | 6 |
| Woakes' Screw Dilating (*Fig.* 484), each, plated, 8*s.* 6*d.*; silver | 0 | 12 | 6 |
| Wylde's (*Fig.* 485) per set of 3, plated, 7*s.* 6*d.*; silver | 0 | 15 | 0 |
| Yearsley's, oval at both ends (*Fig.* 486), per set of 3, plated, 9*s.* 6*d.*; silver | 0 | 19 | 0 |
| Cases for sets of 3 Ear Speculums . . . each | 0 | 2 | 0 |

## Ear Instruments, *continued.*

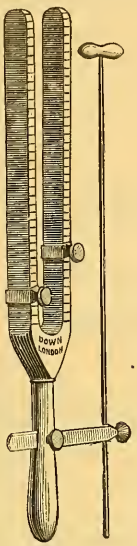



Fig. 487.

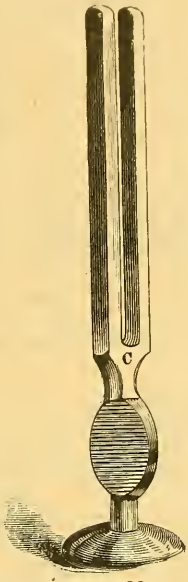



Fig. 488.

| | £ | s. | d. |
|---|---|---|---|
| **Tuning Forks,—** | | | |
| Blake's (*Fig.* 487) . . . . . each | 1 | 2 | 6 |
| Gardiner Brown's (*Fig.* 488) . . . . „ | 0 | 8 | 6 |

Fig. 489.

Fig. 490.

| | £ | s. | d. |
|---|---|---|---|
| **Tympanums,—** | | | |
| Field's (*Fig.* 489) . . . . . each | 0 | 2 | 0 |
| Toynbee's (*Fig.* 490) . . . . . „ | 0 | 1 | 0 |
| Yearsley's Cotton Wool . . . . per box | 0 | 1 | 0 |

## HEARING INSTRUMENTS.

Fig. 491.

| Artificial Sound Magnifiers,— | £ | s. | d. |
|---|---|---|---|
| Gardiner Brown's, vulcanite . . . . . each | 0 | 2 | 0 |
| Silver (*Fig.* 491) . . . . . per pair, in case | 0 | 7 | 6 |

Fig. 492.

| Conversation Tubes,— | | | |
|---|---|---|---|
| Common, for hospital use, 3 feet long . . per doz. | 1 | 10 | 0 |
| Mohair Tubes (*Fig.* 492), with ebony mounts, each, 3 feet, 7*s.* 6*d.*; 4 feet | 0 | 9 | 0 |
| Silk Tubes, with ebony mounts, each, 3 feet, 9*s.*; 4 feet | 0 | 11 | 0 |

Fig. 493.

| | | | |
|---|---|---|---|
| Tapering Mohair Tubes (*Fig.* 493), with ebony mounts, 4 feet long . . . . . each | 0 | 17 | 6 |
| Ditto Silk Tubes, with ebony mounts, 4 feet long „ | 1 | 1 | 0 |
| Ditto, ditto, with ivory mounts, 4 feet long „ | 2 | 2 | 0 |

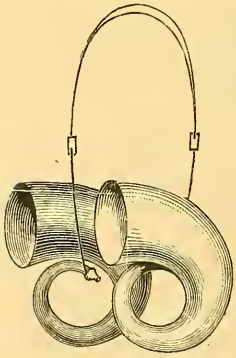


Fig. 494.

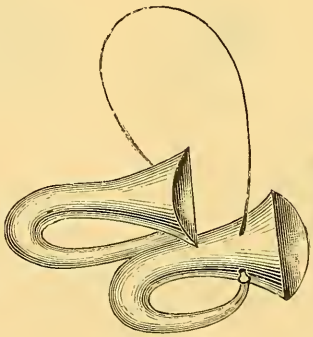


Fig. 495.

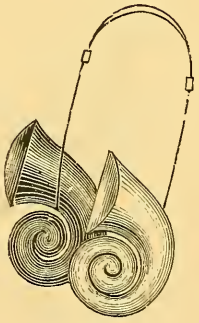


Fig. 496.

## Hearing Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Cornets**, for constant wear,— | | | |
| With head spring (*Fig.* 494), in three sizes, per pair, bronzed, 8*s.* 6*d.*; covered in black | 0 | 10 | 6 |
| Ditto (*Fig.* 495), in three sizes, per pair, bronzed, 9*s.* 6*d.*; covered in black | 0 | 11 | 6 |
| Ditto (*Fig.* 496), in three sizes, per pair, bronzed 8*s.* 6*d.*; covered in black | 0 | 10 | 6 |

Fig. 497.

**Trumpets**,— *No.*1. *No.*2. *No.*3. *No.*4.

(*Fig.* 497), Conical, light japanned, 4 sizes, each 2/3 2/6 2/9 3/–

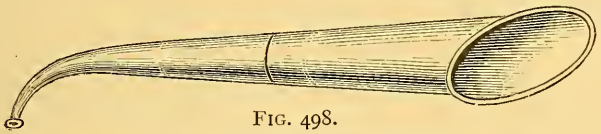


Fig. 498.

(*Fig.* 498), Conical, light japanned, jointed, 2 sizes . . . . . each 3/3 3/6

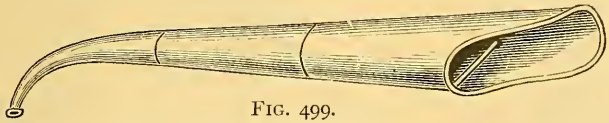


Fig. 499.

(*Fig.* 499), Conical, light japanned, 2 joints, 3 sizes . . . . . each 4/6 5/3 6/–

Fig. 500.

(*Fig.* 500), Conical, light japanned, 2 sizes, each 3/– 4/–

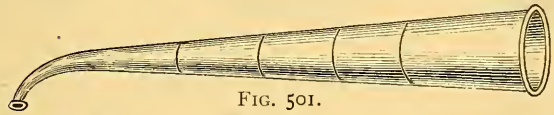


Fig. 501.

(*Fig.* 501), Conical, light japanned, jointed, 3 sizes . . . . . each 6/– 7/– 8/–

## Hearing Instruments, *continued.*

Fig. 502.

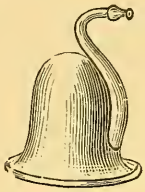


Fig. 503.

Fig. 504.

### Trumpets, *continued*,—

| | *No.* 1. | *No.* 2. | *No.* 3. | *No.* 4. |
|---|---|---|---|---|
| (*Fig.* 502), Egg-shaped, light japanned, 4 sizes, each | 5/9 | 6/6 | 7/3 | 8/– |
| ,, ,, dark bronzed, ,, ,, | 9/6 | 10/6 | 12/– | 13/6 |
| ,, Ditto, electro-plated and engraved, 4 sizes, each | 15/– | 16/6 | 18/6 | 20/– |
| (*Fig.* 503), Ditto, with expanded end, light japanned, 4 sizes, each | 6/6 | 8/– | 9/6 | 11/– |
| ,, Ditto, ditto, dark bronzed, ,, ,, | 10/6 | 12/– | 13/6 | 15/– |
| ,, Ditto, ditto, plated and engraved, 4 sizes, each | 16/– | 18/– | 20/– | 22/– |
| (*Fig.* 504), Ditto, ditto, dark bronzed, 3 sizes, each | 16/– | 18/6 | 21/– | |
| ,, Ditto, electro-plated and engraved, 3 sizes, each | 30/– | 35/– | 40/– | |

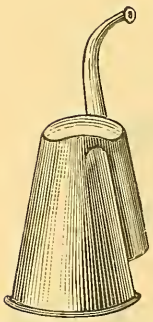


Fig. 505.

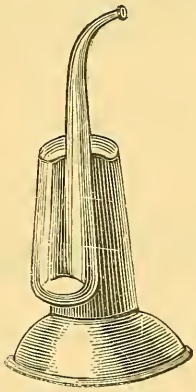


Fig. 506.

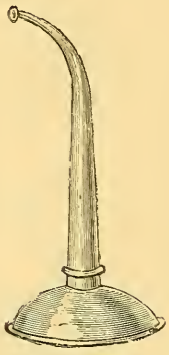


Fig. 507.

| | | | | | |
|---|---|---|---|---|---|
| (*Fig.* 505), Light japanned, 4 sizes, each | 7/6 | 9/6 | 10 6 | 12/6 |
| (*Fig.* 506), ,, ,, 4 sizes, ,, | 7/– | 8/6 | 10/– | 12/– |
| (*Fig.* 507), ,, ,, 2 sizes, ,, | 5/– | 5/6 | | |
| (*Fig.* 508), ,, ,, 4 sizes, ,, | 7/– | 8/– | 9/– | 10/– |

**Hearing Instruments,** *continued.*

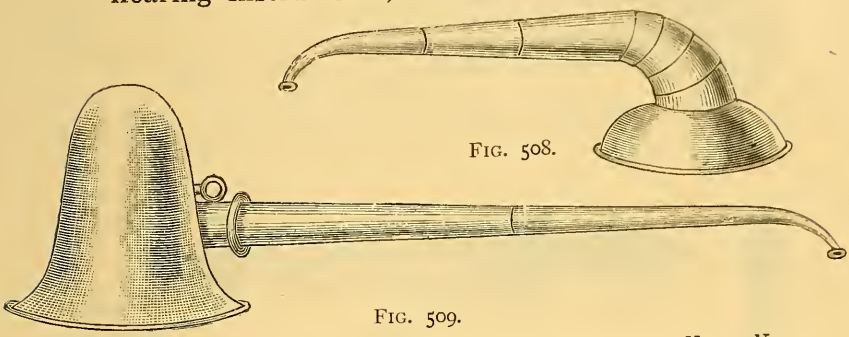


Fig. 508.

Fig. 509.

| | | *No.* 1. | *No.* 2. | *No.* 3. |
|---|---|---|---|---|
| **Trumpets,** *continued.*— | | | | |
| (*Fig.* 509), Light japanned, 3 sizes . | each | 7/6 | 10/– | 12/– |

## NOSE INSTRUMENTS.

| | £ | *s.* | *d.* |
|---|---|---|---|
| **Bougies,** Mackenzie's, oval, in 7 sizes, for diagnosis and treatment . . . . . each | 0 | 1 | 6 |
| Ditto, Stoker's, hollowed on one side . . „ | 0 | 2 | 0 |

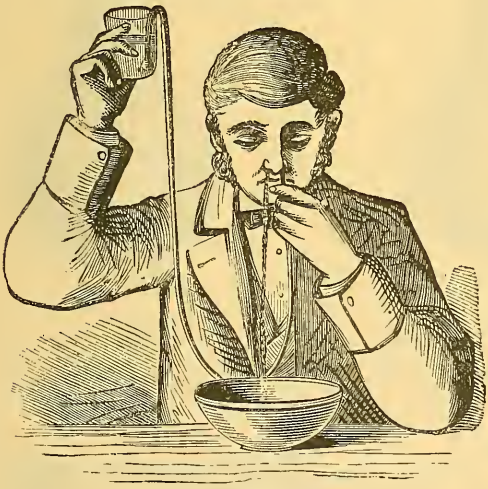


Fig. 510.

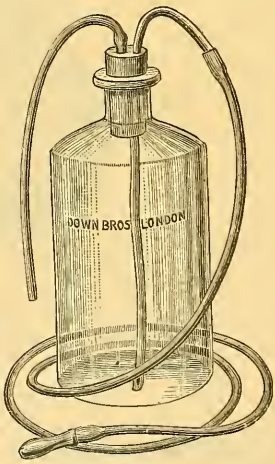



Fig. 511.

**Douches and Syringes,—**

**Douches,—**

Siphon, plain (*Fig.* 510), with glass or vulcanite pipe . . . . . each 0 3 0

## Nose Instruments, *continued.*

| Douches, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Siphon, with stopcock and mounts for Eye and Nose each | 0 | 5 | 6 |
| Ditto, ditto, ditto, with Japanned tin reservoir . „ | 0 | 6 | 9 |
| Wray's (*Fig.* 511) . . each, common, 3*s.*; best | 0 | 4 | 6 |

Fig. 512.

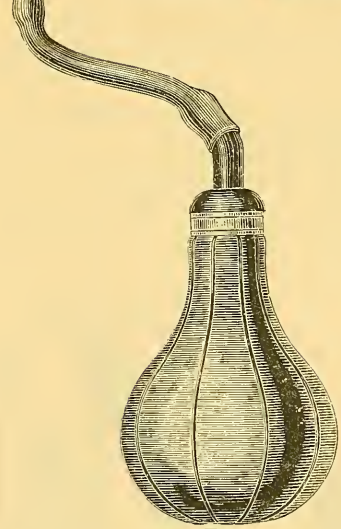


Fig. 514.

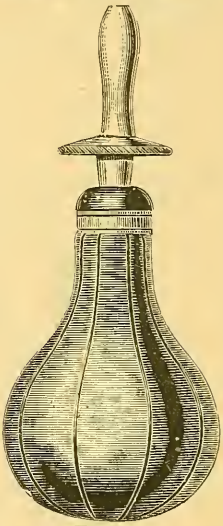


Fig. 513.

| Syringes,— | | | |
|---|---|---|---|
| Glass with vulcanite mounts (*Fig.* 512) . . each | 0 | 2 | 6 |
| India-rubber, 2 oz., with bone pipe (*Fig.* 513) . „ | 0 | 2 | 6 |
| Politzer's, 2 oz. (*Fig.* 514) . . . . „ | 0 | 4 | 6 |

Fig. 515.

Lennox Brown's Post Nasal (*Fig.* 515)
each, 5*s.*; in case 0 8 6

## Nose Instruments, *continued.*

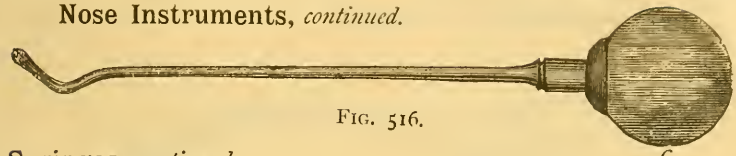


Fig. 516.

**Syringes,** *continued*,— £ s. d.

Lennox Brown's Post Nasal, with india-rubber ball (*Fig.* 516) . . . . . each 0 5 0

Fig. 517.

Post Nasal, with india-rubber ball and tube, for self use (*Fig.* 517) . . . . . each 0 6 6

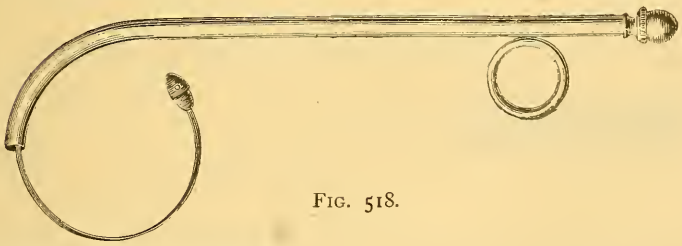


Fig. 518.

**Epistaxis Instruments,**—

Belloc's Canula (*Fig.* 518) . each, plated, 5*s.* ; silver 0 7 6

## Nose Instruments, *continued.*

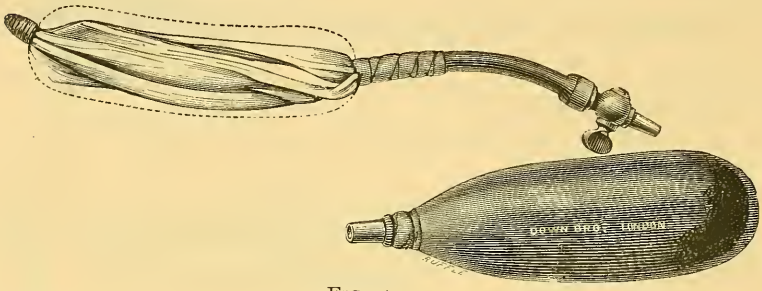



FIG. 519.

## Epistaxis Instruments, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Cooper Rose's Inflating Plug (*Fig.* 519) . . each | 0 | 5 | 6 |
| Improved, fiddle shaped, ditto . . . . „ | 0 | 6 | 6 |

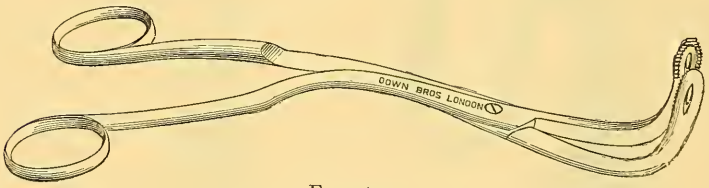



FIG. 520.

## Forceps, etc., for Removing Adenoid Growths of Naso-pharynx,—

Catti's Forceps, with serrated ends (*Fig.* 520) . each 0 10 6

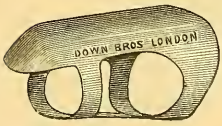



FIG. 521.

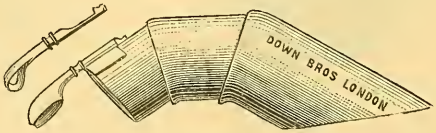



FIG. 524.

Dalby's Scraper, for use at end of finger (*Fig.* 521), each 0 5 6

FIG. 522.

Golding-Bird's Scraper (*Fig.* 522) . . . each 0 10 6

**Nose Instruments,** *continued.*

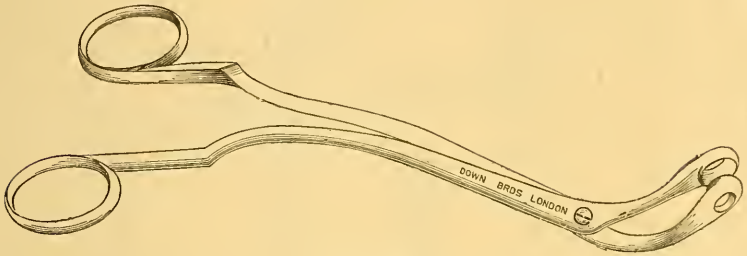



Fig. 523.

**Forceps, etc.,** *continued,*— £ *s. d.*

Hovell's Forceps (*Fig.* 523). . . . . each 0 13 6

Lennox Brown's Finger Guard, with movable curette and sharp spoon (*Fig.* 524) . . . . . each 0 15 6

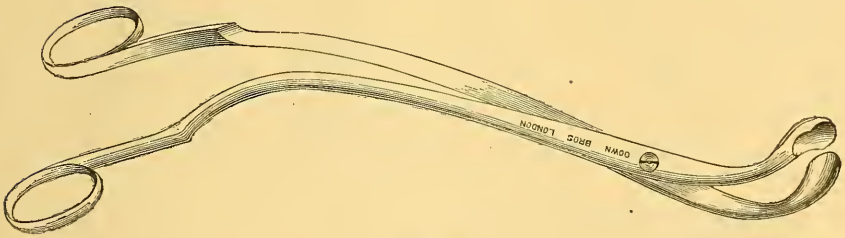



Fig. 525.

Lowenberg's Forceps, with cutting edges (*Fig.* 525) each 0 10 6

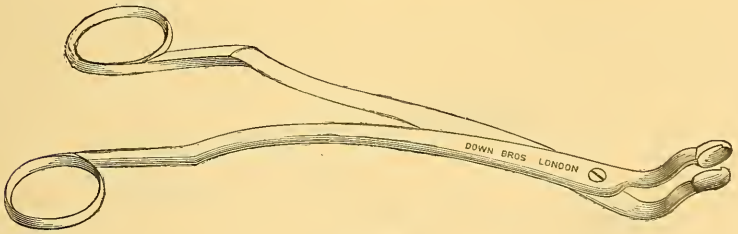



Fig. 526.

Woakes' Forceps (*Fig.* 526) . . . . . each 0 13 6

*Nickel plated,* 1*s. each extra.*

## Nose Instruments, *continued.*

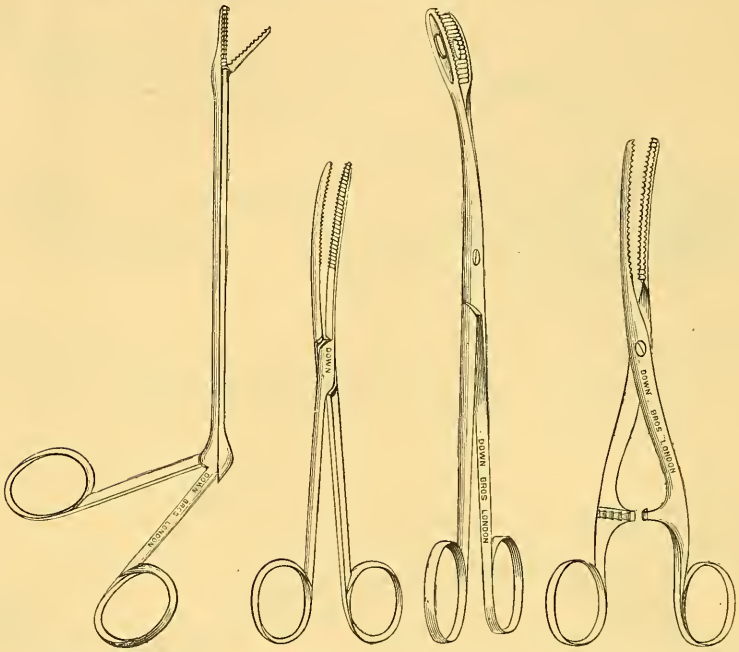



Fig. 527. Fig. 528. Fig. 529. Fig. 530.

| Forceps for Polypus, etc.,— | £ | s. | d. |
|---|---|---|---|
| Crocodile Mouth, for small polypi (*Fig.* 527) . each | 0 | 15 | 0 |
| Curved, fine, medium, or strong (*Fig.* 528) . . „ | 0 | 5 | 6 |
| Ditto, cross action, medium, or strong (*Fig.* 529) „ | 0 | 6 | 6 |
| Ditto, with rack (*Fig.* 530), two sizes, each, 8*s.* 6*d.* and | 0 | 9 | 6 |

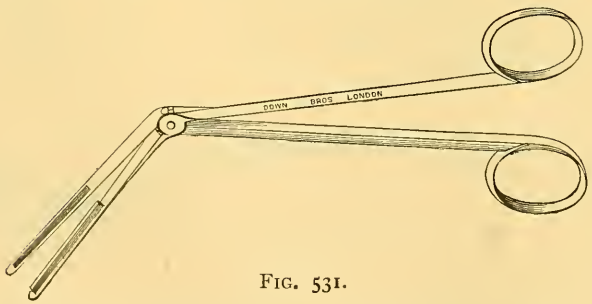



Fig. 531.

Mackenzie's Punch Polypus Forceps (*Fig.* 531) . each 0 8 6

**Nose Instruments,** *continued.*

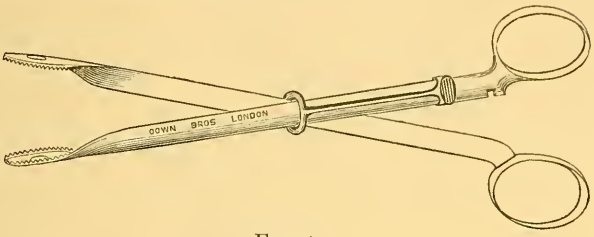



Fig. 532.

| **Forceps for Polypus, etc.,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Straight, strong, with slide catch (*Fig.* 532), two sizes, each | 0 | 10 | 6 |

*Nickel plated, 1s. each extra.*

Fig. 533.

| | | | |
|---|---|---|---|
| **Hooks,** Baber's, for seizing polypus and holding while wire is passed (*Fig.* 533) . . . . . each | 0 | 2 | 0 |

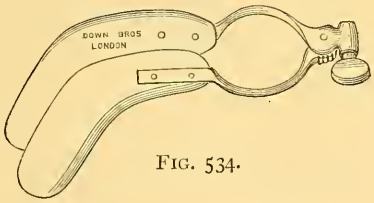



Fig. 534.

**Instruments for Deformities and Injuries of Nose,—**

| | | | |
|---|---|---|---|
| Adams' Instrument, with screw adjustment, for straightening septum (*Fig.* 534) . . . . . each | 0 | 12 | 6 |
| Ditto Ivory Plates . . . . . per pair | 0 | 4 | 0 |

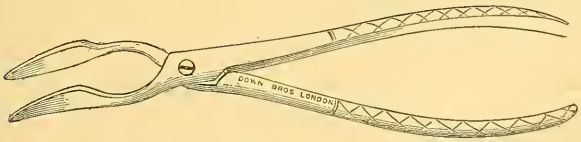



Fig. 535.

| | | | |
|---|---|---|---|
| Ditto Forceps, for forcibly straightening septum (*Fig.* 535) . . . . . each | 0 | 10 | 6 |

**Nose Instruments,** *continued.*

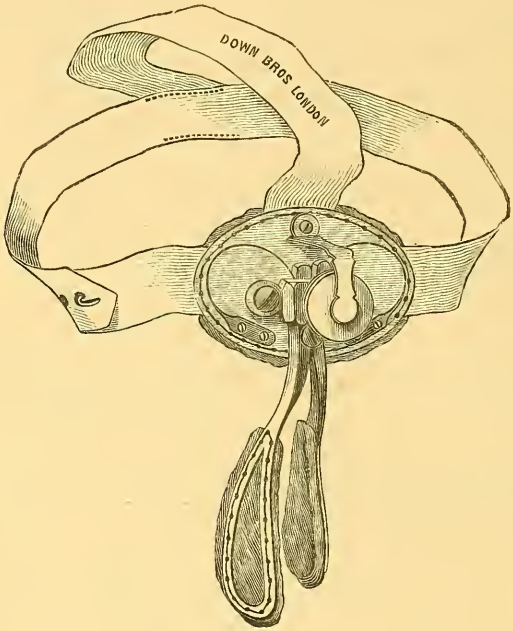



Fig. 536.

| **Instruments for Deformities, etc.,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Maunder's Instrument for straightening septum . each | 0 | 10 | 6 |
| Screw Instrument, for constant wear, for correcting deformity of nose (*Fig.* 536) . . . each | 2 | 2 | 0 |

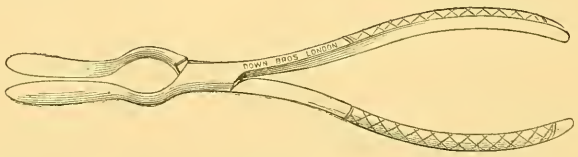



Fig. 537.

| | | | |
|---|---|---|---|
| Walsham's Forceps for forcibly straightening septum (*Fig.* 537) . . . . . each | 0 | 10 | 6 |
| Walsham's Vulcanite Nose Plugs. . . per pair | 0 | 3 | 6 |

## Nose Instruments, *continued.*

Fig. 538.

**Insufflators** (*see also pages* 299 *and* 507),— £ s. d.
Bryant's Glass, for self-administration of alum (*Fig.* 538) each 0 2 6

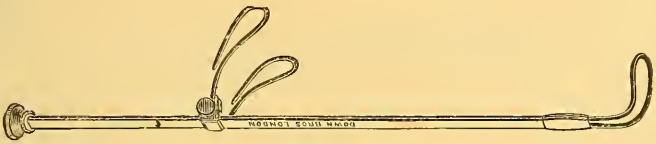


Fig. 539.

**Palate Lever**, American pattern, as used by Mr. Cresswell Baber (*Fig.* 539) . . . . . each 0 10 6

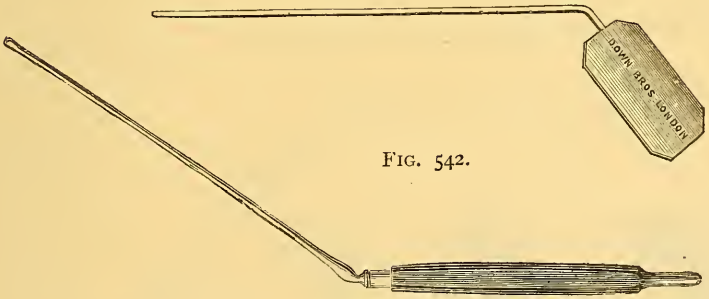



Fig. 542.

Fig. 540.

Fig. 541.

**Probes** (*Figs.* 540 *and* 541) . . each 2*s.* 6*d.* and 0 3 6
Baber's (*Fig.* 542) . . . . . each 0 1 6

## Nose Instruments, *continued.*

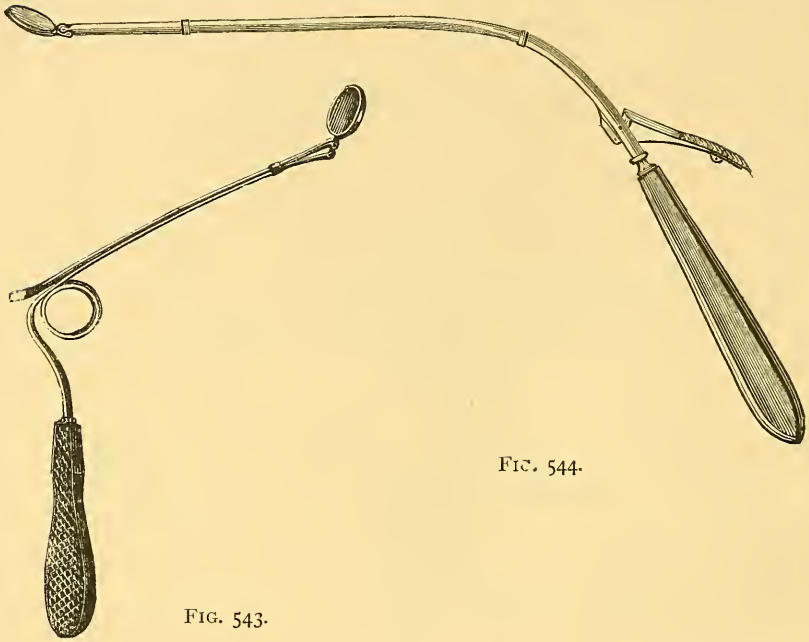


Fig. 544.

Fig. 543.

| | £ | s. | d. |
|---|---|---|---|
| **Rhinoscopes**, Frankel's (*Fig.* 543) . . . each | 0 | 10 | 6 |
| Michel's (*Fig.* 544) . . . . . „ | 0 | 13 | 6 |

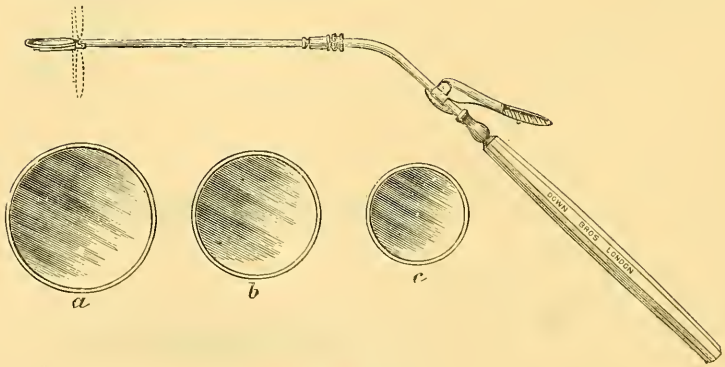



Fig. 545.

Revolving, with Mirrors of three sizes (*Fig.* 545) . each 1 10 0

## Nose Instruments, *continued.*

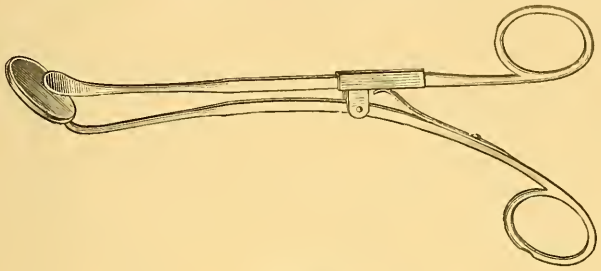


Fig. 546.

**Rhinoscopes,** *continued*,— £ s. d.
Störck's, with palate lever (*Fig.* 546) . . . each 0 12 0

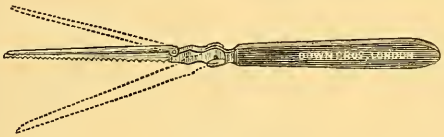



Fig. 547.

**Saw,** Hunter Mackenzie's, to fix at any angle (*Fig.* 547)
each 0 12 6

**Scissors,**—
Lucas's "Grape Scissors," for removal of polypi . „ 0 15 6

Fig. 548.

**Spatula,** Allen's (*Fig.* 548) . . . . . each 0 4 6

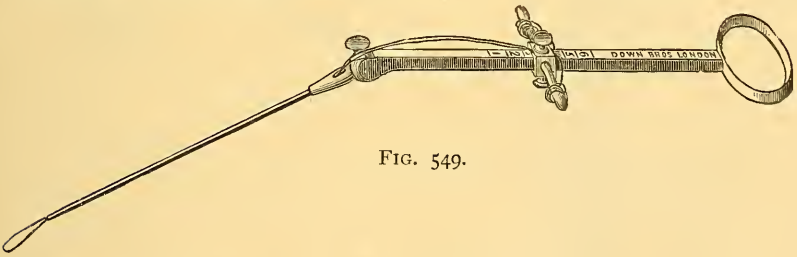



Fig. 549.

**Snares, etc.,**—
Canulas, silver, curved or straight . . . each 0 7 0
Baber's (*Fig.* 549) . . . . . „ 1 8 6

## Nose Instruments, *continued.*

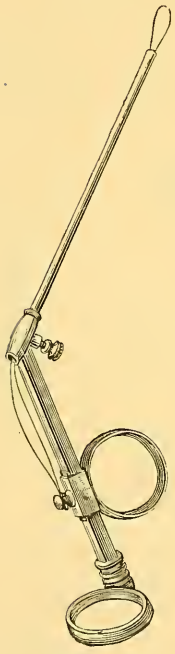


Fig. 550.

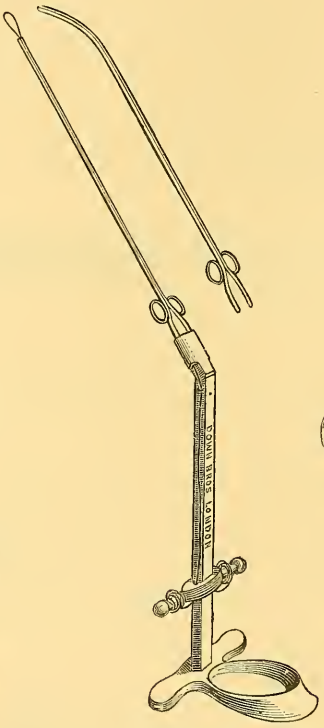


Fig. 551.

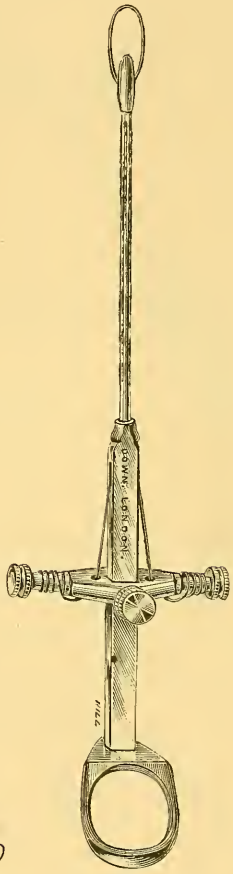


Fig. 552.

| Snares, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| Blake's, nickel plated (*Fig.* 550) . . . . each | 0 | 10 | 6 |
| Bryant's (*Fig.* 551) . . . . . „ | 1 | 5 | 0 |
| Golding-Bird's (*Fig.* 552) . . . . . „ | 0 | 17 | 6 |
| Hilton's, to fix at any angle (*Fig.* 553) . . . „ | 1 | 2 | 6 |
| Keene's (*Fig.* 554) . . . . . „ | 0 | 12 | 6 |
| Woakes' (*Fig.* 555) . . . . . „ | 1 | 5 | 6 |

**Nose Instruments,** *continued.*

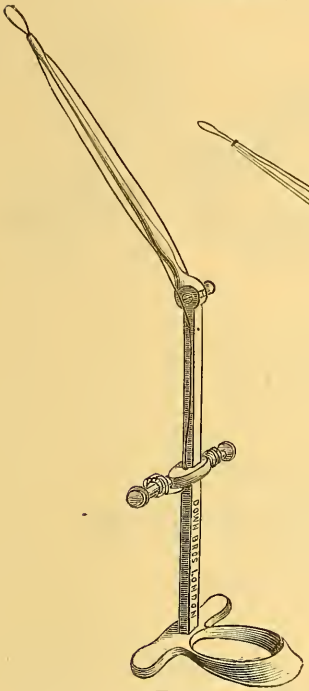


Fig. 553.

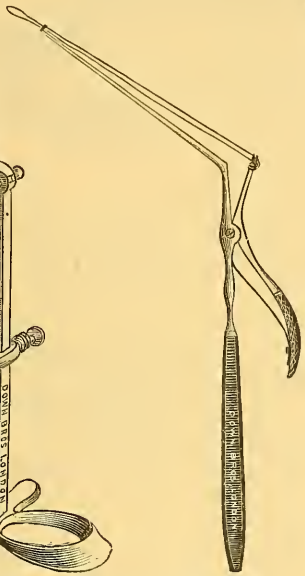


Fig. 554.

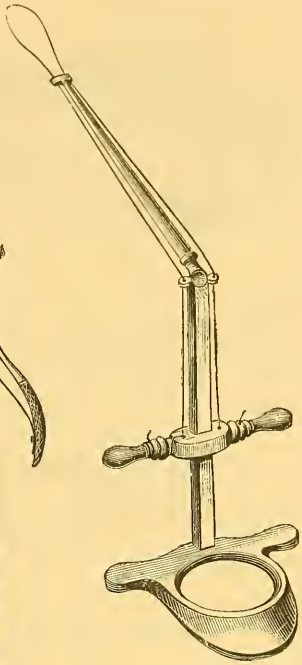


Fig. 556.

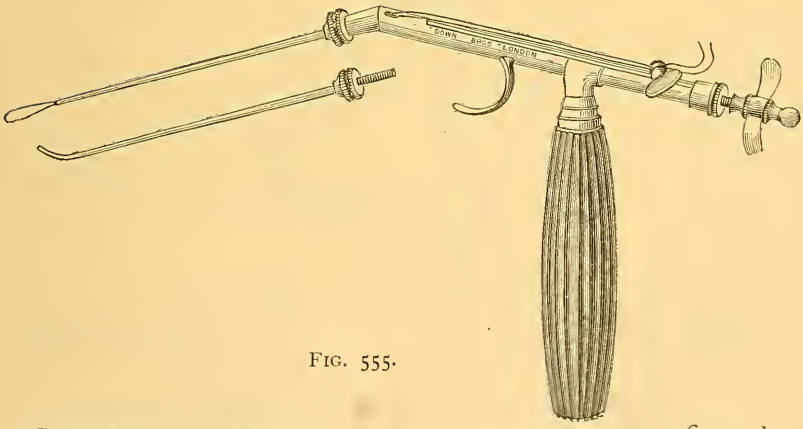


Fig. 555.

**Snares, etc.,** *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Wylde's (*Fig.* 556) . . . . . each | 0 | 14 | 0 |

## Nose Instruments, *continued.*

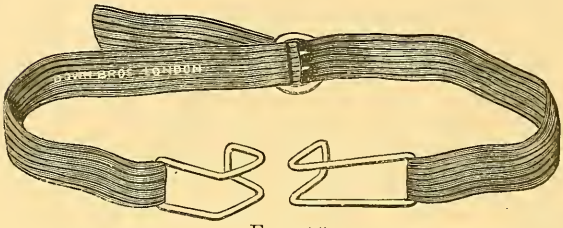


Fig. 557.

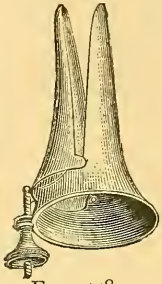


Fig. 558.

| Specula,— | £ | s. | d. |
|---|---|---|---|
| Baber's Self-retaining Wire Speculum (*Fig.* 557) . each | 0 | 4 | 6 |
| Duplay's, modified by Dr. Terrier (*Fig.* 558) . „ | 0 | 6 | 9 |
| Ditto, ditto, fenestrated . . . . . „ | 0 | 8 | 6 |

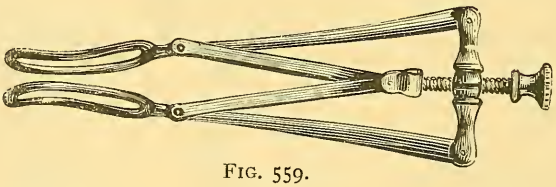


Fig. 559.

| | | | |
|---|---|---|---|
| Frankel's (*Fig.* 559) . . . . . . each | 0 | 5 | 3 |

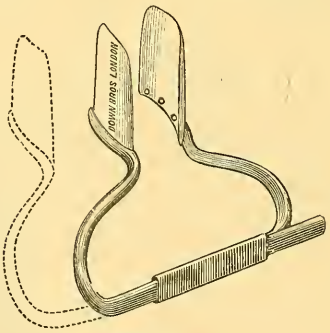



Fig. 560.

| | | | |
|---|---|---|---|
| Lennox Brown's (*Fig.* 560) . . . . . each | 0 | 8 | 6 |
| Lucas's (*Fig.* 561) . . . . . „ | 0 | 7 | 6 |

*"The speculum that I have been in the habit of using for some years is one made for me by Messrs. Down Bros., of which the annexed is an engraving.*

*"It is made on the principle of Fraenkel's wire dilator, having a screw to regulate the dilatation. It is light and port-*

## Nose Instruments, *continued.*

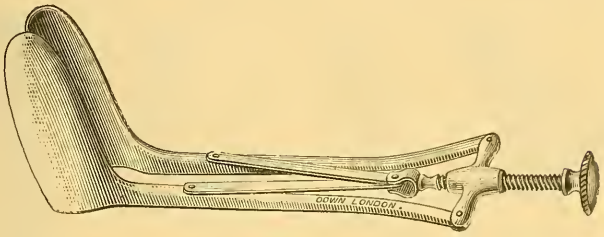



Fig. 561.

**Specula,** *continued,*— £ s. d.

*able, gives a good reflection from its valves, and is self-retaining, thus enabling the operator to do without assistance. It is very efficient for adults and children above five or six. For very young children there is a still more effective instrument, made by the same makers, and originally intended for the ear* (Fig. 476, page 132). *It is a bi-valve ear-speculum, which opens and retains itself by means of two small lateral springs. This can be inserted without pain into the nostril of a very young child, and yields a good light.*"—Paper on Ozœna due to Foreign Bodies, by R. Clement Lucas, F.R.C.S., etc., *Medical Times and Gazette,* March 31st, 1883.

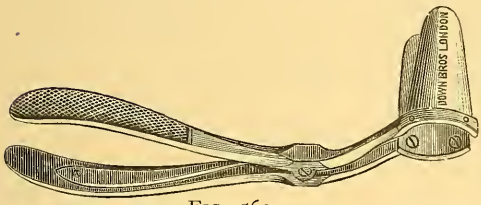



Fig. 562.

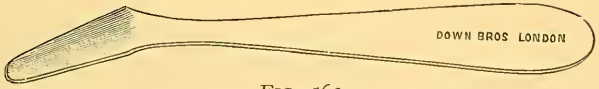



Fig. 563.

Pilcher's, with spring handles (*Fig.* 562) . . each 0 8 6
Spencer Watson's Nasal Retractor (*Fig.* 563) . „ 0 4 0

Fig. 564.

Fig. 565.

Thudichum's Spring, three sizes, each right and left (*Fig.* 564) . . . . . each 0 3 9
Tri-valve (*Fig.* 565) . . . . . „ 0 18 0

## Nose Instruments, *continued.*

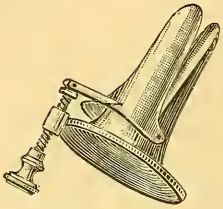


Fig. 566.

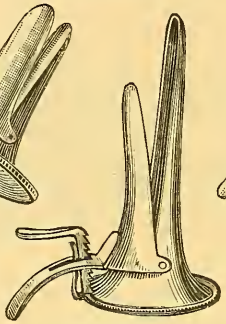


Fig. 568.

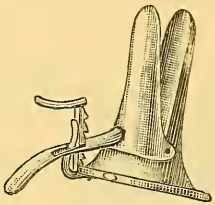


Fig. 567.

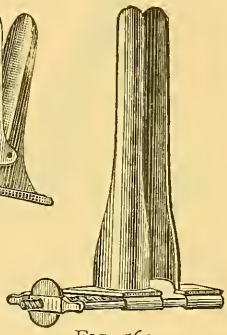


Fig. 569.

| Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Voltolini's, with screw (*Fig.* 566) . . . . each | 0 | 7 | 6 |
| Ditto, with spring clip (*Fig.* 567) . . . . „ | 0 | 9 | 6 |
| Ditto, with spring clip and 1 long blade (*Fig.* 568) each | 0 | 12 | 6 |
| Zaufal's Dilating (*Fig.* 569) . . . . . „ | 0 | 12 | 0 |
| Ditto, Tubular, 4 sizes . . . . . per set | 0 | 10 | 6 |

**Spray Producers**, *see pages* 105–109.

**Syringes**, *see pages* 140 *and* 141.

## EYE INSTRUMENTS.

**No. 1 Set**, "Army Regulation," consisting of Sichel's Knife, 2 Graefe's Knives, Curette and Cystotome, Tyrrell's Hook, curved Iridectomy Knife, 2 Stop Needles, 2 Broad Needles, Lens Hook, Strabismus Hook, Bowman's Punctum Knife, Eyelid Retractor, 2 pairs Forceps, 2 pairs Scissors, and Drum for testing knives; in morocco case . . . . . 4 14 6

**No. 2 Set**, "Guy's," consisting of Sichel's Knife, 2 Graefe's Knives, Curette and Platinum Iris Hook with steel point, Tyrrell's Hook, curved Iridectomy Knife, 2 Stop Needles, Broad

**Eye Instruments,** *continued.* £ s. d.

Needle, straight Iridectomy Knife, Bowman's double Spoon, Strabismus Hook, Weber's Canaliculus Knife, Eyelid Retractor, Iris Forceps, Cilia Forceps, Fixation Forceps, Strabismus Scissors, Excision Scissors, set Bowman's probes, Critchett's fine grooved Director, and Drum for testing knives; in morocco case . 5 12 6

**No. 3 Set,** "Army Regulation," consisting of 2 Sichel's Cataract Knives, 4 Graefe's Knives for linear operation, Secondary Knife, Macnamara's Knife, 3 curved Iridectomy Knives, 1 Straight Iridectomy Knife, Weber's Canaliculus Knife, Scarpa's Needle; 2 short Needles, 2 Stop Needles, 2 broad Needles, Platinum Iris Hook, Cowell's Strabismus Hook, Curette and Cystotome, Bowman's double Spoon, Critchett's double Spoon, Capsular Forceps, straight and curved Iris Forceps, Liebreich's Iris Forceps, Entropium Forceps, Fixation Forceps, Cilia Forceps, 2 Iris Scissors, Maunoir's curved Scissors, Excision Scissors, Strabismus Scissors, Hulke's Suture Needle in handle, Needle Holder, 2 doz. Suture Needles, Suture Silk, 3 Eyelid Retractors, Set of Bowman's Probes, Critchett's fine grooved Director, and Drum for testing knives; in mahogany case . . 14 10 0

---

**Bandages,** Liebreich's . . . . . per doz. 0 6 0

**Boxes for Eye Instruments,** to hold 3, each, 2*s.*; 4, 2*s.* 3*d.*; 6, 2*s.* 6*d.*, 12 0 3 0

**Caustic Cases,** silver (*Fig.* 183, *page* 45) . . each 0 13 6

Toughened Points for ditto (*No.* 7, *page* 46). per doz. 0 7 6

Vulcanite Caustic Cases . . . . . each 0 1 6

Toughened points for ditto (*No.* 4, *page* 46). per doz. 0 7 6

Fig. 570.

**Cautery,** Lachrymal (*Fig.* 570). . . . . each 0 4 0

Ditto, for use with Paquelin's Thermo-Cautery (*see page* 307).

## Eye Instruments, *continued.*

Fig. 571.

Fig. 572.

Fig. 573.

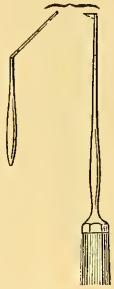


Fig. 574.

| | £ | s. | d. |
|---|---|---|---|
| **Curettes,**— | | | |
| Silver . . . . . each | 0 | 4 | 6 |
| Tortoise-shell . . . . . „ | 0 | 5 | 0 |
| Vulcanite (*Fig.* 571) . . . . . „ | 0 | 4 | 6 |
| With Cystotome . . . . . „ | 0 | 7 | 0 |
| With Hook (*Fig.* 572). . . . . „ | 0 | 7 | 0 |
| With steel-pointed Lens-pricker, platinum stem . „ | 0 | 9 | 0 |
| **Cystotomes,** curved right and left (*Figs.* 573 and 574) each | 0 | 4 | 0 |
| Ditto, with platinum stem . . . . . „ | 0 | 6 | 0 |
| **Dials, for testing Astigmatism,** Brudenel Carter's, each | 0 | 10 | 6 |
| **Directors,** Guthrie's . . . . . „ | 0 | 4 | 0 |
| Critchett's, for Canaliculus . . . . . „ | 0 | 2 | 6 |
| **Discs, Savory & Moore's,**— | | | |
| Atropine and Calabar Bean . . . per packet | 0 | 2 | 6 |

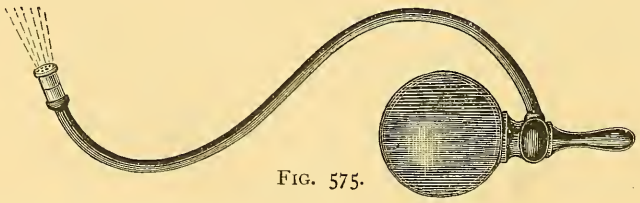


Fig. 575.

| | | | |
|---|---|---|---|
| **Douches and Syringes,**— | | | |
| Douches,— | | | |
| Bowman's (*Fig.* 575) . . . . . each | 0 | 4 | 9 |

## Eye Instruments, *continued.*

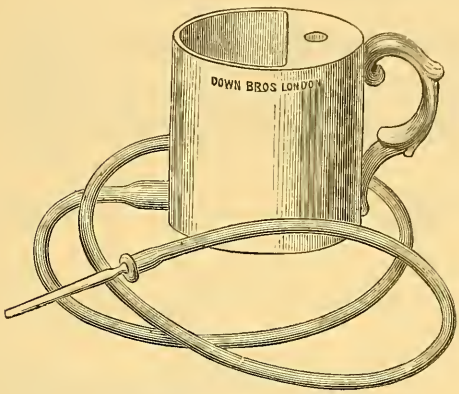



Fig. 576.

| Douches, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Graefe's Siphon, with japanned reservoir and stopcock . . . . . each | 0 | 6 | 9 |
| Moorfield's pattern, with earthenware reservoir (*Fig.* 576) . . . . . each | 0 | 5 | 6 |
| Plain Siphon, for Eye, for use with jug . . „ | 0 | 3 | 6 |
| Ditto, with stopcock and mounts for Eye and Nose, each | 0 | 5 | 6 |

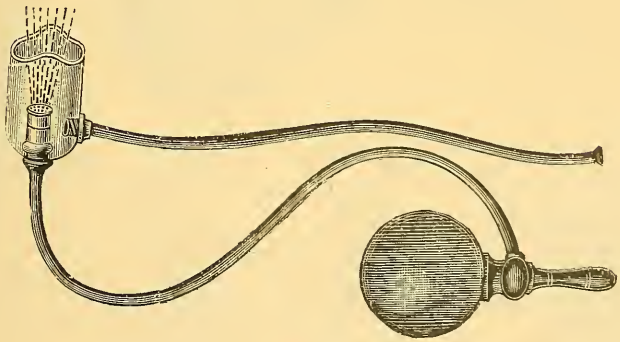


Fig. 577.

Self-use, with glass and waste-pipe (*Fig.* 577) . each 0 9 0

## Eye Instruments, *continued.*

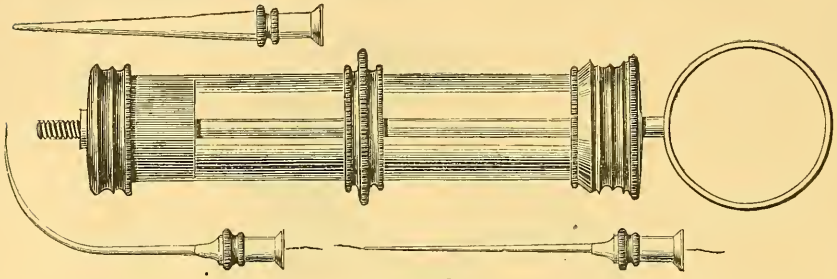


Fig. 578

| Syringes,— | £ | s. | d. |
|---|---|---|---|
| Anel's Lachrymal, with 2 gold pipes and one conical pipe, in case . . silver, £1 15*s.* 6*d.*; plated | 1 | 5 | 0 |

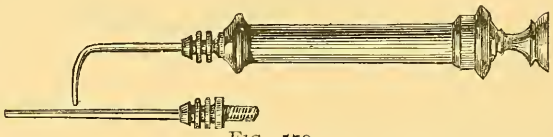


Fig. 579.

| | | | |
|---|---|---|---|
| Ditto, ditto, vulcanite (*Fig.* 579) . . . each | 0 | 4 | 6 |
| Bader's, glass, for syringing ointment under the eyelids . . . . . each | 0 | 4 | 9 |

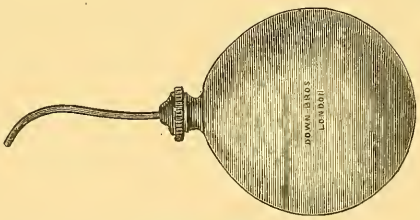


Fig. 580.

| | | | |
|---|---|---|---|
| Wray's, for Gonorrhœal Ophthalmia (*Fig.* 580). each | 0 | 3 | 0 |

*These Syringes are made with soft elastic pipes, to avoid injury to the cornea.*

**Drop Bottles** (*see page* 501).

**Drop Tubes** (*see page* 501).

| | | | |
|---|---|---|---|
| **Drums, for testing knives, etc.,** with kid . each | 0 | 1 | 6 |

**Evisceration Globes** (*see* Vitreous Bodies, Artificial, *page* 177).

**Forceps,—**

| | | | |
|---|---|---|---|
| Cilia, with fenestrated points (*Fig.* 581) . . each | 0 | 3 | 0 |
| Ditto, with flattened ends, square or rounded (*Fig.* 582) . . . . . each | 0 | 3 | 0 |

## Eye Instruments, *continued.*

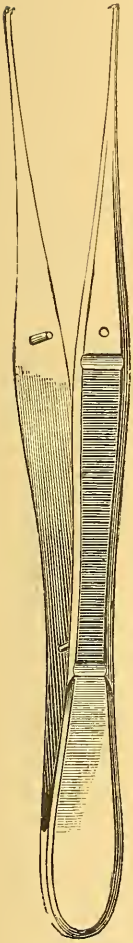


Fig. 587.

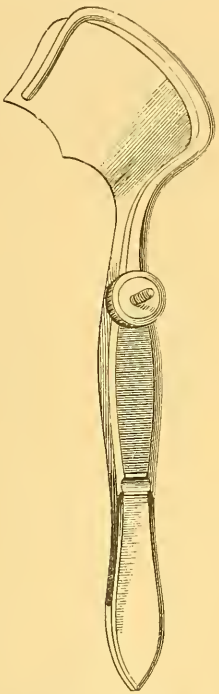


Fig. 583.

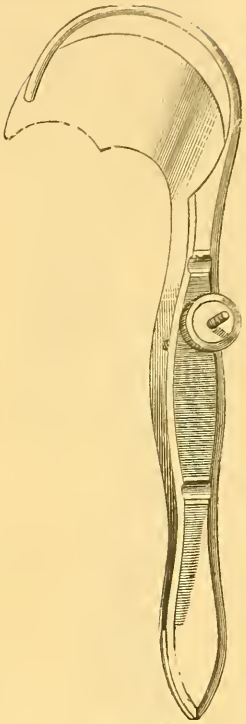


Fig. 585.

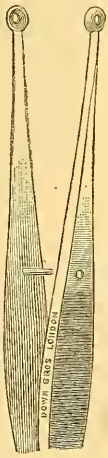


Fig. 581.

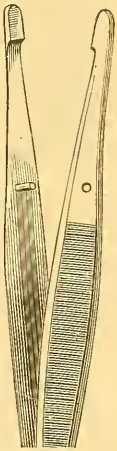


Fig. 582.

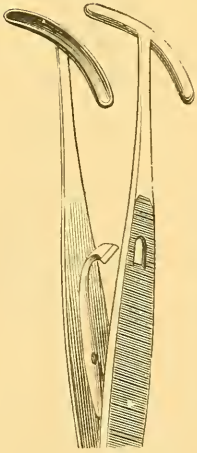


Fig. 584.

## Eye Instruments, *continued.*

| Forceps, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Entropium, Desmarre's, right and left (*Fig.* 583) . each | 0 | 7 | 6 |
| Ditto, with T-shaped blades (*Fig.* 584) . . „ | 0 | 7 | 6 |
| Ditto, Snellin's, right and left (*Fig.* 585) . . „ | 0 | 7 | 6 |
| Ditto, Wylde's Oval "Tarsal Tumour Forceps" (*Fig.* 586) . . . . . each | 0 | 7 | 6 |
| Fixation (*Fig.* 587) . . . . . „ | 0 | 4 | 6 |

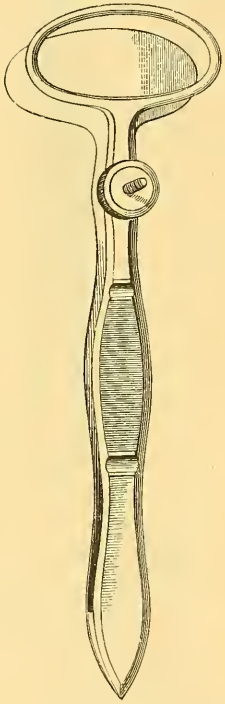


FIG. 586.

FIG. 588.

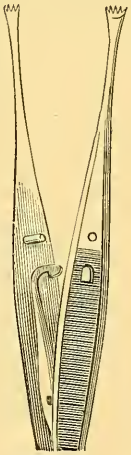


FIG. 589.

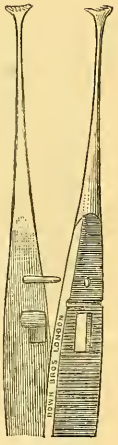



FIG. 590.

| | | | |
|---|---|---|---|
| Fixation, with double tenaculum points . . each | 0 | 4 | 6 |
| Ditto, ditto, with spring catch (*Fig.* 588) . . „ | 0 | 5 | 6 |
| Ditto, Graefe's, with spring catch (*Fig.* 589) . „ | 0 | 5 | 6 |
| Ditto, "Musical pattern," with holding and releasing spring (*Fig.* 590) . . . . . each | 0 | 13 | 6 |

FIG. 591.

| | | | |
|---|---|---|---|
| Bull-dog, with fine points (*Fig.* 591) . . . each | 0 | 2 | 0 |

## Eye Instruments, *continued.*

Fig. 592.

Fig. 593.

Fig. 594.

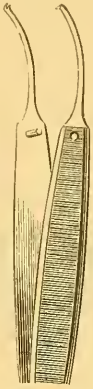


Fig. 595.

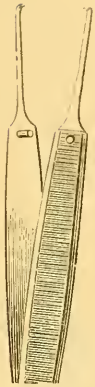


Fig. 596.

**Forceps,** *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Iris, serrated ends (*Fig.* 592, curved or straight) . each | 0 | 3 | 6 |
| Ditto, tenaculum points (*Figs.* 593, 594, 595, & 596) ,, | 0 | 4 | 6 |

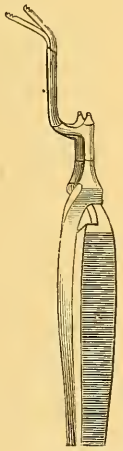


Fig. 597.

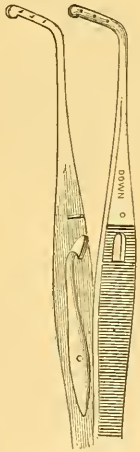


Fig. 598.

| | | | |
|---|---|---|---|
| Ditto, Liebreich's (*Fig.* 597) . . . . each | 1 | 7 | 0 |
| Rectus, Prince's, curved to the right or left (*Fig.* 598) per pair | 0 | 12 | 6 |

*Nickel plated, 9d. each extra.*

Gas Brackets (*see pages* 75 *and* 76).

## Eye Instruments, *continued.*

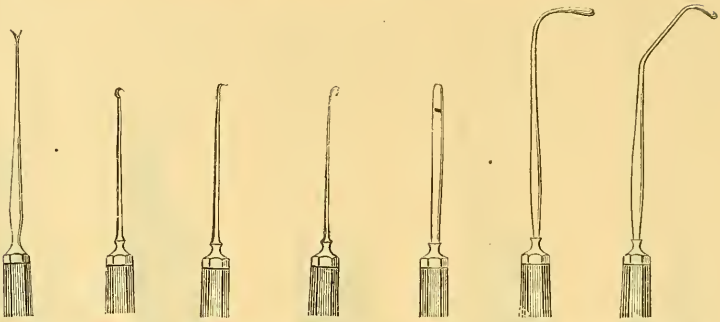


Fig. 599. Fig. 600. Fig. 601. Fig. 602. Fig. 603. Fig. 604. Fig. 605.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Hooks,—** | | | | |
| Fixation, Desmarre's Double | each | 0 | 4 | 6 |
| Ditto, straight (*Fig.* 599) | „ | 0 | 4 | 0 |
| Lens (*Fig.* 600) | „ | 0 | 4 | 0 |
| Ditto, rectangular (*Fig.* 601) | „ | 0 | 4 | 0 |
| Ditto, rectangular, and platinum stem | „ | 0 | 7 | 0 |
| Ditto, double „ „ | „ | 0 | 14 | 0 |
| Ditto, Tyrrell's (*Fig.* 602) | „ | 0 | 4 | 0 |
| Ditto, ditto, platinum stem | „ | 0 | 7 | 0 |
| Spatula, Streathfield's (*Fig.* 603) | „ | 0 | 4 | 0 |
| Strabismus, Bowman's (*Fig.* 604) | „ | 0 | 4 | 0 |
| „ Cowell's (*Fig.* 605) | „ | 0 | 4 | 0 |
| „ Walton's | „ | 0 | 4 | 0 |
| **Knives,—** | | | | |
| Canaliculus,— | | | | |
| Bowman's punctum (*Fig.* 607) | „ | 0 | 4 | 6 |
| Liebreich's | „ | 0 | 5 | 6 |
| Stilling's | „ | 0 | 4 | 6 |
| Walton's (*Fig.* 608) | „ | 0 | 4 | 6 |
| Weber's, with probe end (*Fig.* 609) | „ | 0 | 4 | 6 |
| „ „ „ improved (*Fig.* 610) | „ | 0 | 4 | 6 |
| Cataract,— | | | | |
| Bader's, right and left | „ | 0 | 5 | 6 |
| Beer's (*Fig.* 606) | „ | 0 | 4 | 0 |
| Cooper's (*Fig.* 611) | „ | 0 | 4 | 0 |
| Dixon's (*Fig.* 612) | „ | 0 | 4 | 0 |
| Graefe's (*Fig.* 613) | „ | 0 | 4 | 0 |
| Sichel's (*Fig.* 614) | „ | 0 | 4 | 0 |

## Eye Instruments, *continued.*

Fig. 606.

Fig. 607.

Fig. 608.

Fig. 609.

Fig. 610.

Fig. 611.

Fig. 612.

Fig. 613.

Fig. 614.

Fig. 615.

Fig. 616.

| Knives, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Cataract, Secondary,— | | | |
| Desmarre's (*Fig.* 615) . . . . . each | 0 | 4 | 0 |
| Small (*Fig.* 616) . . . . . „ | 0 | 4 | 0 |

## Eye Instruments, *continued.*

Fig. 617.

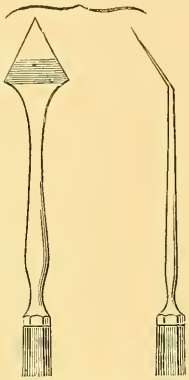


Fig. 618.

Fig. 619.

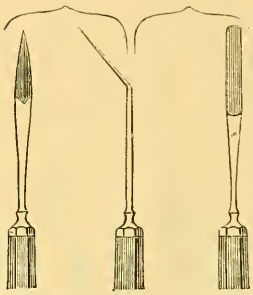


Fig. 620. Fig. 621.

| | £ | s. | d. |
|---|---|---|---|
| **Knives,** *continued*,— | | | |
| Iridectomy,— | | | |
| Jaeger's (*Fig.* 617) . . . . . each | 0 | 4 | 6 |
| „ angular (*Fig.* 618) . . . . „ | 0 | 4 | 6 |
| Rounded shoulders, improved (*Fig.* 619) . . „ | 0 | 4 | 6 |
| Straight plain . . . . . „ | 0 | 4 | 6 |
| Taylor's angular (*Fig.* 620) . . . . „ | 0 | 4 | 6 |
| „ „ and blunt pointed (*Fig.* 621) . „ | 0 | 4 | 6 |
| Scalpels . . . . . „ | 0 | 4 | 0 |

Fig. 622.

| | | | |
|---|---|---|---|
| Scarifying,— | | | |
| Curved (*Fig.* 622) . . . . . each | 0 | 4 | 0 |
| Straight . . . . . „ | 0 | 4 | 0 |

Fig. 623.

| | | | |
|---|---|---|---|
| **Lachrymotomes,** Gerard Teuton's (*Fig.* 623) . each | 0 | 15 | 6 |
| **Lamps and Gas Brackets** (*see also pages* 75 *and* 76). | | | |
| Carpenter's (*see Fig.* 303, *page* 75), each, bronze, £2 18*s.* 6*d.* . . . . . nickel | 3 | 10 | 6 |
| The Metal Chimney only can be supplied to fit to any Lamp, bronze, each £1 8*s.* 6*d.* . . nickel | 1 | 11 | 6 |

## Eye Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Lamps and Gas Brackets,** *continued*,— | | | |
| Gas Bracket, with parallel bars, patent "London" burner, and glass chimney with wire guard, etc., as used at Moorfields (this is suitable for consulting room) . . . . . each | 3 | 3 | 0 |
| Ditto, ditto, with larger burner and glass chimney, with wire guard for hospitals (also as used at Moorfields) . . . . . each | 3 | 13 | 6 |
| **Lens Prickers.** *See* "HOOKS"; *also* "CURETTES." | | | |
| **Lever Instruments,**— | | | |
| Bowman's Canaliculus Dilator . . . . each | 1 | 10 | 0 |
| Canula Capsular Forceps . . . . . „ | 1 | 10 | 0 |
| „ „ Lancet . . . . . „ | 1 | 10 | 0 |
| „ „ Needle . . . . . „ | 1 | 10 | 0 |
| „ „ Scissors . . . . . „ | 1 | 10 | 0 |
| Guarded Curette . . . . . „ | 1 | 10 | 0 |
| **Magnet,** with 3 points, for removing foreign bodies in case | 1 | 1 | 0 |
| Bichromate Cell, 1 pint for use with same . . each | 0 | 8 | 6 |

FIG. 624.

FIG. 625.

FIG. 626.

FIG. 627.

FIG. 628.

| | | | |
|---|---|---|---|
| **Needles,**— | | | |
| Beer's (*Fig.* 624) . . . . . each | 0 | 4 | 0 |
| Bowman's Stop (*Fig.* 625) . . . . . „ | 0 | 4 | 0 |
| Broad, for Iris (*Figs.* 626 and 627) . . . „ | 0 | 4 | 0 |
| Reclination . . . . . „ | 0 | 4 | 0 |
| Saunders's (*Fig.* 628) . . . . . „ | 0 | 4 | 0 |
| Scarpa's (*Fig.* 629) . . . . . „ | 0 | 4 | 0 |
| Solution, Jacob's (*Fig.* 630) . . . . . „ | 0 | 4 | 0 |
| Suture, Bowman's (*Fig.* 631) . . . . . „ | 0 | 4 | 0 |
| „ Hulke's . . . . . „ | 0 | 4 | 0 |

## Eye Instruments, *continued.*

Fig. 629.

Fig. 630.

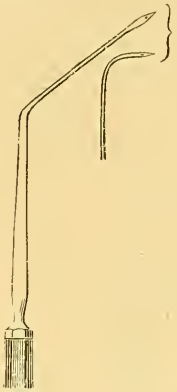


Fig. 631.

Fig. 632.

| **Needles**, *continued*,— | £ | *s.* | *d.* |
|---|---|---|---|
| Suture, half curved and full curved (*Figs.* 37, 38, *page* 13), in ½-doz. packets, assorted sizes . per doz. | 0 | 2 | 6 |
| Paracentesis . . . . . each | 0 | 7 | 0 |
| Tattooing (*Fig.* 632) . . . . . ,, | 0 | 4 | 0 |

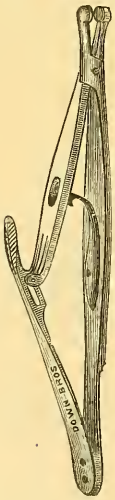


Fig. 633.

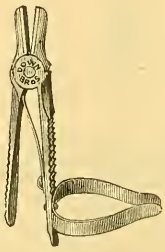


Fig. 634.

| | | | |
|---|---|---|---|
| **Needle Holders** (*Fig.* 633), each, 13*s.* 6*d.*; with ivory end | 0 | 15 | 0 |
| Ditto, Galekowski's (*Fig.* 634) . . . each | 0 | 5 | 0 |

*Nickel plated, 9d. each extra.*

## Eye Instruments, *continued.*

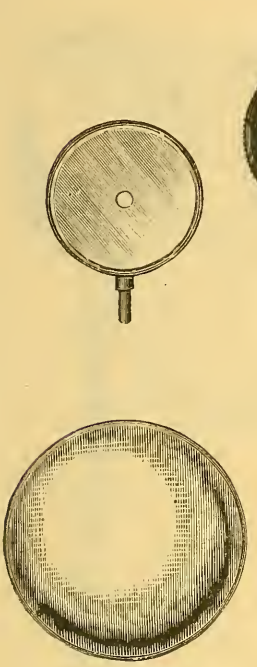


Fig. 635.

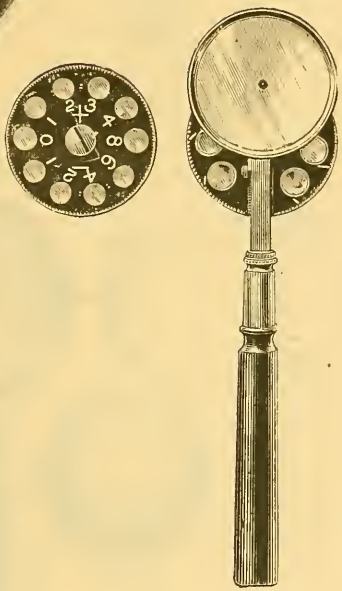


Fig. 636.

| Ophthalmoscopes,— | £ | s. | d. |
|---|---|---|---|
| Bader's . . . . . each | 0 | 17 | 6 |
| Baumeister's (*Fig.* 635) . . . . . ,, | 0 | 15 | 6 |
| Brailey's (*Fig.* 636) . . . . . ,, | 1 | 0 | 0 |
| Complete modified Ophthalmoscope, as used by Mr. Nettleship . . . . . each | 4 | 0 | 0 |
| Couper's . . . . . ,, | 2 | 2 | 0 |
| Demonstration, Brudenell Carter's . . . ,, | 6 | 10 | 0 |
| De Wecker's . . . . . ,, | 2 | 2 | 0 |
| Fox's, with 2 mirrors . . . . . ,, | 3 | 12 | 6 |
| Ditto, with 3 mirrors . . . . . ,, | 3 | 17 | 6 |
| Gower's . . . . . ,, | 2 | 0 | 0 |
| Landholt's . . . . . ,, | 2 | 10 | 0 |
| Lang's . . . . . ,, | 3 | 3 | 0 |

## Eye Instruments, *continued.*

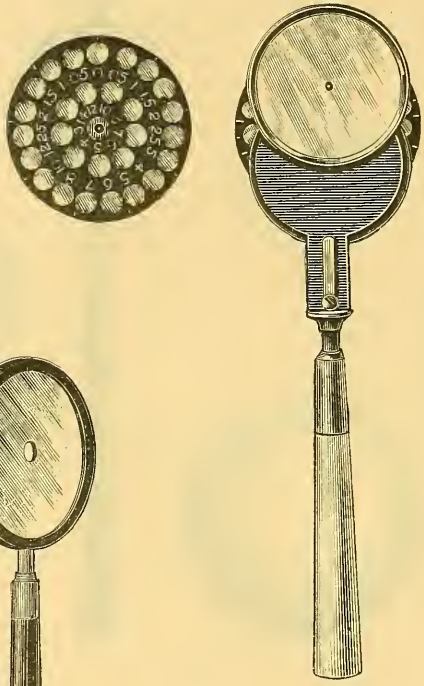


Fig. 638.

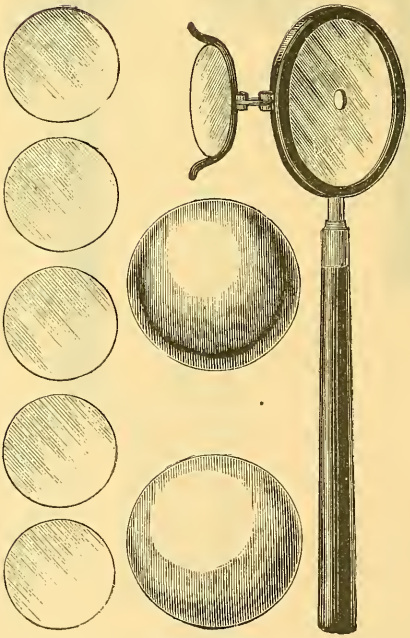


Fig. 637.

| Ophthalmoscopes, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Liebreich's (*Fig.* 637) | each | 0 | 15 | 6 |
| Nettleship's modification of Gower's (*Fig.* 638) | ,, | 2 | 2 | 0 |
| Ditto, ditto, with addition of Diagonal Mirror | ,, | 3 | 3 | 0 |

## Eye Instruments, *continued*

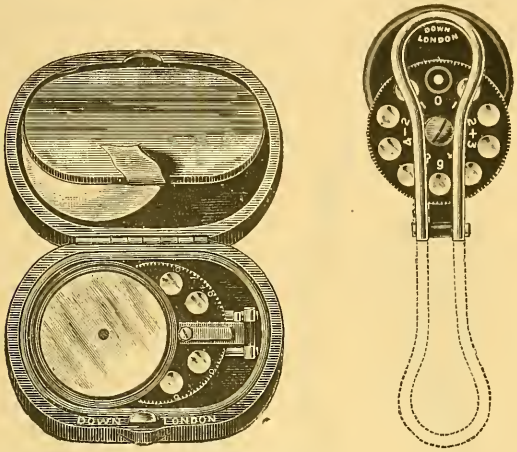



FIG. 639.

**Ophthalmoscopes**, *continued*,— £ s. d.

Oldham's (*Fig.* 639) . . . . . each 1 5 0

"NEW FORM OF OPHTHALMOSCOPE.—*A most convenient and compact ophthalmoscope has been forwarded to us by Messrs. Down, of St. Thomas's Street, Borough, S.E., which they have made at the suggestion of Mr. Charles Oldham, of Brighton. The instrument can easily be carried in the waistcoat pocket, as the case which contains it is only* $2\frac{1}{4}$ *in. by* $1\frac{1}{2}$ *in., and its weight is only two ounces. It is fitted with a revolving diaphragm, containing five convex and four concave glasses—viz.,* + 1, 2, 3, 4, *and* 6, *and* − 1, 2, 4, *and* 8. *The hole in the mirror is of reasonable size, and the movement of the diaphragm with the glass is exceedingly smooth and easy. The handle folds, but is quite steady. We have used it repeatedly, and have been quite satisfied with its action.*"—*Lancet*, Nov. 27th, 1886.

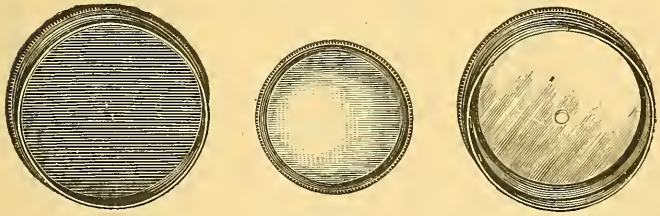


FIG. 640.

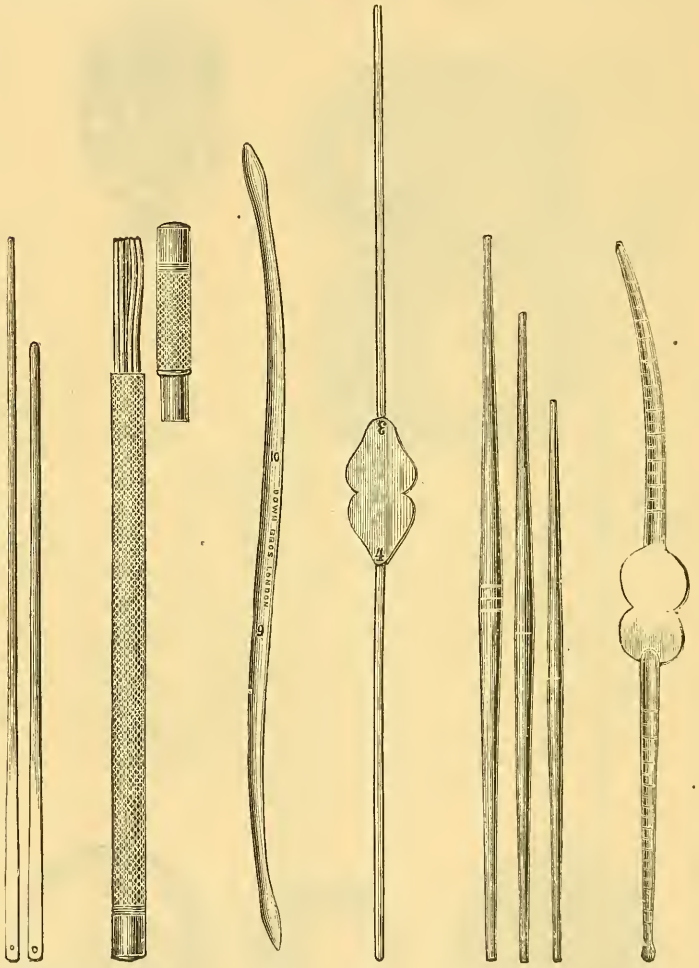
Pocket, in vulcanite cases (*Fig.* 640) . . . each 0 7 0

Large Condensing Lenses (13 D), each, 3*s.* . in case 0 4 6

Mirrors for Retinoscopy, concave or plane . . each 0 8 6

**Phantoms**, for practising eye operations . . „ 2 2 0

## Eye Instruments, *continued.*



Figs. 641, 642. 643. 644. 645. 646. 647. 648. 649.

| Probes,— | £ | s. | d. |
|---|---|---|---|
| Anel's (*Figs.* 641 and 642) . . . . . each | 0 | 1 | 0 |
| Bowman's Set, with Critchett's fine-grooved Director, in case (*Fig.* 643) . . . . . | 0 | 7 | 6 |
| Bowman's Set of Bulbous, for Nasal Duct (*Fig.* 644), in case | 0 | 10 | 0 |
| Laminaria, for dilatation . . . . . each | 0 | 1 | 0 |
| Liebreich's Double, per set of 3, 6 sizes (*Fig.* 645) . | 0 | 7 | 6 |

## Eye Instruments, *continued.*

| Probes, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Walton's, silver, conical at each end (*Figs.* 646, 647, *and* 648) . . . . . per set of 3 | 0 | 7 | 6 |
| Walton's, steel . . . . . each | 0 | 3 | 6 |
| Weber's, silver (*Fig.* 649) . . . . . „ | 0 | 7 | 6 |

Fig. 650.

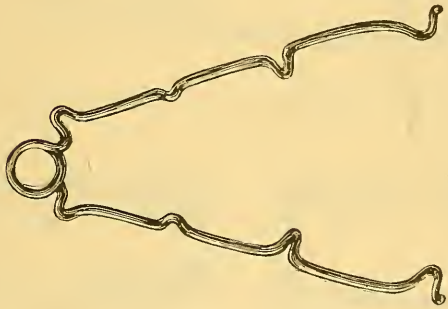


Fig. 651.

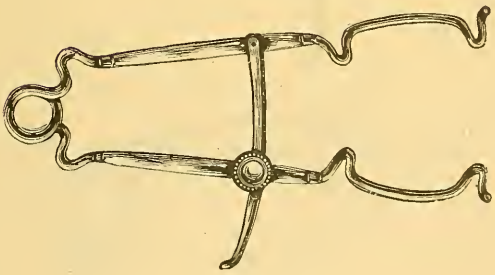


Fig. 652.

| Retractors,— | | | |
|---|---|---|---|
| Adams' (*Fig.* 650) . . . . . each | 0 | 3 | 6 |
| Bowman's (*Fig.* 651) . . . . . „ | 0 | 2 | 6 |
| „ with stop screw (*Fig.* 652) . . . „ | 0 | 5 | 0 |

## Eye Instruments, *continued.*

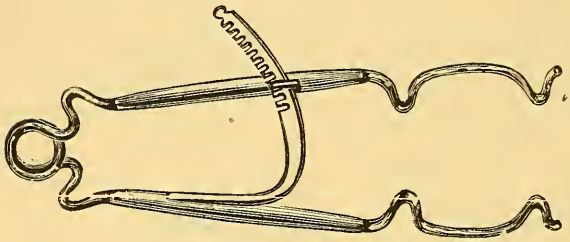


Fig. 653.

Fig. 654.

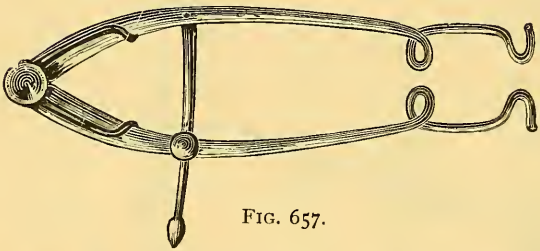


Fig. 657.

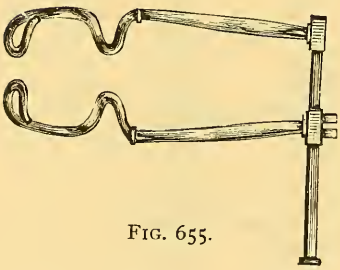


Fig. 655.

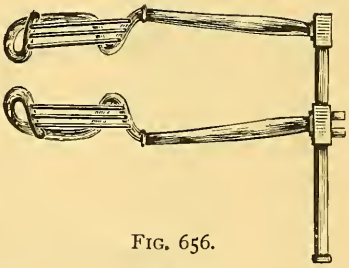


Fig. 656.

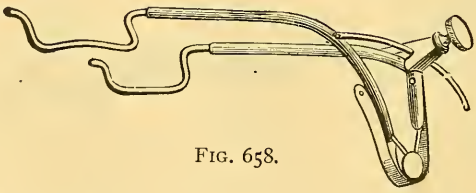


Fig. 658.

| **Retractors,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Critchett's (*Fig.* 653) . . . . . each | 0 | 5 | 0 |
| Desmarre's (*Fig.* 654) . . . . . „ | 0 | 5 | 6 |
| Ditto, folding . . . . . „ | 0 | 7 | 6 |

## Eye Instruments, *continued.*

**Retractors,** *continued*,—

| | | £ | s. | d. |
|---|---|---|---|---|
| Liebreich's (*Fig.* 655) | each | 0 | 7 | 6 |
| „ with guard (*Fig.* 656) | „ | 0 | 9 | 0 |
| Macnamara's (*Fig.* 657) | „ | 0 | 9 | 0 |
| Nettleship's (*Fig.* 658) | „ | 0 | 9 | 0 |
| Henriette's, for use from inner side | „ | 0 | 7 | 6 |
| Luer's | „ | 0 | 6 | 6 |

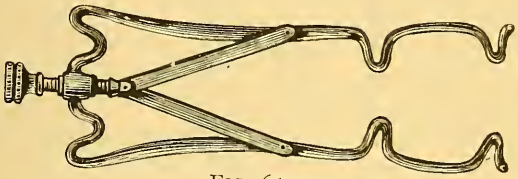


Fig. 659.

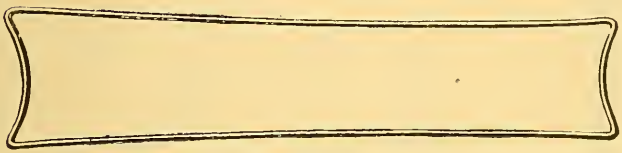


Fig. 661.

Fig. 660.

| | | £ | s. | d. |
|---|---|---|---|---|
| Noye's, with stop screw (*Fig.* 659) | each | 0 | 5 | 0 |
| „ new wire frame with ivory handle (*Fig.* 660) | each | 0 | 10 | 6 |
| „ right and left, with rack | „ | 0 | 8 | 6 |
| Pellier's (*Fig.* 661) | „ | 0 | 3 | 6 |

**Scissors,**—

| | | £ | s. | d. |
|---|---|---|---|---|
| Curved on flat, blunt points, for excision (*Fig.* 663) | each | 0 | 6 | 0 |
| „ „ sharp points (*Fig.* 664) | „ | 0 | 6 | 0 |
| Elbow, with one point sharp, for iris (*Fig.* 665) | „ | 0 | 5 | 6 |
| „ with both points probe (*Fig.* 666) | „ | 0 | 5 | 6 |
| „ with both points sharp | „ | 0 | 5 | 6 |
| Straight, with blunt points, Strabismus (*Fig.* 667) | „ | 0 | 4 | 0 |
| „ with probe points, Strabismus, Bowman's (*Fig.* 668) | each | 0 | 4 | 6 |
| Straight, with sharp points (*Fig.* 662) | „ | 0 | 4 | 0 |
| Spring Iris Scissors, cross action, Adams' | „ | 1 | 7 | 6 |
| Ditto, curved, De Wecker's (*Fig.* 669) | „ | 0 | 18 | 0 |
| Ditto, curved (*Fig.* 670) | „ | 0 | 12 | 0 |
| Ditto, straight (*Fig* 671) | „ | 0 | 12 | 0 |

## Eye Instruments, *continued.*

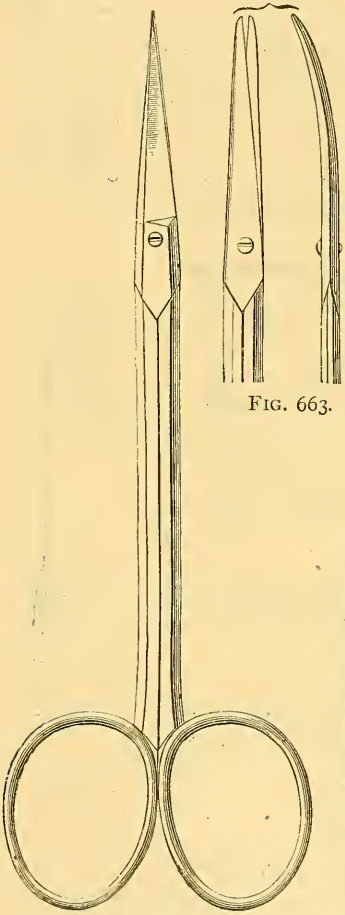


Fig. 662.



Fig. 663.

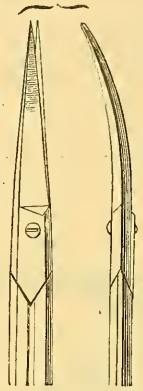


Fig. 664.

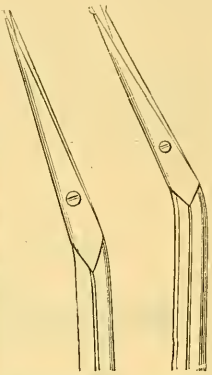


Fig. 665. Fig. 666.

Fig. 671.

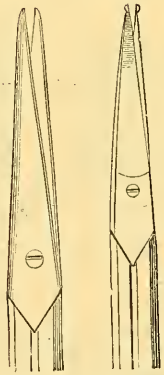


Fig. 667. Fig. 668.

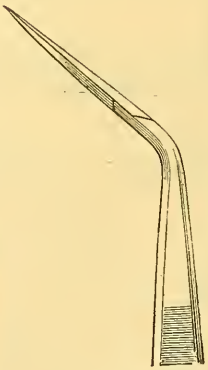


Fig. 670.

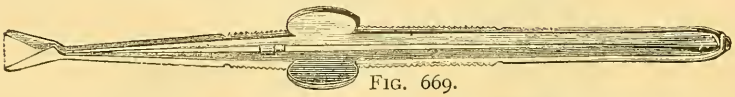


Fig. 669.

Fig. 672.

**Scoops**, for Meibomian Cysts (*Fig.* 672), oval or round, each o 5 6

## Eye Instruments, *continued.*

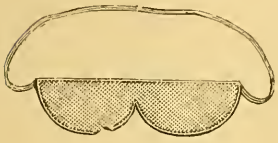


Fig. 673.

Fig. 674.

Fig. 675.

| | £ | s. | d. |
|---|---|---|---|
| **Shades,**— | | | |
| Celluloid . . per doz. double, 10*s.* 6*d.*; single | 0 | 6 | 0 |
| Silk double (*Figs.* 673 *and* 674) . . . per doz. | 0 | 5 | 6 |
| Ditto single (*Fig.* 675) . . . . „ | 0 | 3 | 0 |
| White's . . . . . per doz. double | 0 | 7 | 3 |
| **Silk** for Sutures, black fine . . . . per hank | 0 | 0 | 9 |
| **Spatulas, Shell** . . . . . each | 0 | 4 | 0 |

Fig. 676.

Fig. 677.

Fig. 678.

Fig. 679.

| | | | |
|---|---|---|---|
| **Spoons,**— | | | |
| Bowman's Double Spoon (*Fig.* 676) . . . each | 0 | 9 | 0 |
| Critchett's „ „ (*Fig.* 677) . . . . „ | 0 | 9 | 0 |
| Schuft's „ „ . . . . . „ | 0 | 9 | 0 |
| **Spuds,**— | | | |
| Plain . . . . . „ | 0 | 4 | 0 |
| Walton's, grooved (*Fig.* 678) . . . . „ | 0 | 4 | 0 |
| With Walton's grooved Scoop or Cataract Needle, in ivory-capped case for pocket . . . each | 0 | 7 | 6 |
| **Styles,** Ware's (*Fig.* 680) . . . . . „ | 0 | 1 | 3 |
| Ditto, gilt (*Figs.* 681, 682, *and* 683) . . . „ | 0 | 1 | 6 |

## Eye Instruments, *continued.*

Fig. 680.

Fig. 681.

Fig. 682.

Fig. 683.

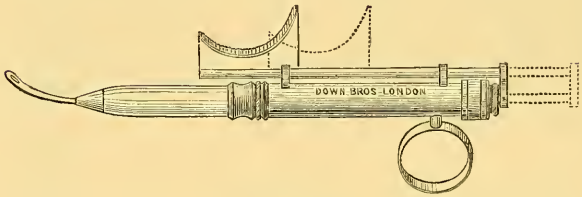



Fig. 684.

| | £ | s. | d. |
|---|---|---|---|
| **Suction Instruments,** for Cataract, Bowman's (*Fig.* 684) . . . . . each, 17*s.* 6*d.*; in case | 1 | 1 | 0 |

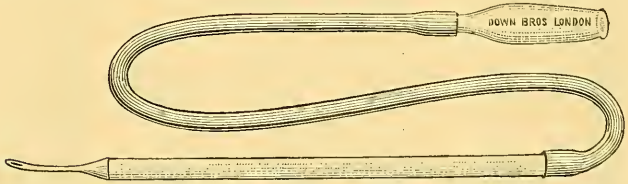



Fig. 685.

| | | | |
|---|---|---|---|
| Ditto, ditto, Teale's (*Fig.* 685) . each, 5*s.*; in case | 0 | 7 | 6 |
| **Syringes** (*see page* 156–158). | | | |
| **Test Types,** Jaeger's or Snellen's, mounted on cards, each | 0 | 1 | 0 |
| Radiating Lines, for Astigmatism . . . . ,, | 0 | 2 | 0 |
| Snellen's, complete set in book . . . . . | 0 | 5 | 0 |
| **Trial Glasses,—** | | | |
| **No. 1 Set,** consisting of 28 pairs, each concave and convex spherical glasses, and 16 each concave and convex cylindrical glasses, with graduated spectacle frame, the glasses marked in focal inches and dioptrics; in morocco case . . . . . | 6 | 0 | 0 |

## Eye Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Trial Glasses,** *continued,*— | | | |
| **No. 2 Set.** The same as No. 1, with the addition of metal frames to the glasses . . . . . | 10 | 0 | 0 |
| **No. 3 Set,** consisting of 30 pairs each concave and convex Spherical Glasses, 18 each concave and convex Cylindrical Glasses, 10 Prisms, 2 coloured Slides and graduated Spectacle Frame, the glasses marked in focal inches and dioptrics, in morocco case . . . . . | 6 | 15 | 0 |
| **No. 4 Set,** consisting of 30 pairs each concave and convex Spherical Glasses, 18 each concave and convex Cylindrical Glasses, 10 Prisms, 3 coloured Glasses, 2 non-transparent Glasses in metal frames, 2 Dark Discs, 2 Discs for Astigmatism, graduated and plain Spectacle Frames, the glasses marked in focal inches and dioptrics, in handsome morocco case . . . . . | 11 | 10 | 0 |
| **Spectacle Frames,** graduated for use with Trial Sets, each | 0 | 15 | 0 |
| Ditto, adjustable for height and width . . ,, | 1 | 11 | 6 |
| **Vectis,** Taylor's (*Fig.* 679) . . . . . each | 0 | 7 | 6 |
| **Vitreous Bodies,** Artificial,— | | | |
| Keall's, Silver Globes . . . . . each | 0 | 4 | 6 |
| Mules', Glass ditto . . . . . per doz. | 0 | 5 | 0 |
| **Wools, Holmgreen's,** for testing colour-blindness, per set | 0 | 7 | 6 |

## BLADDER AND URETHRA INSTRUMENTS.

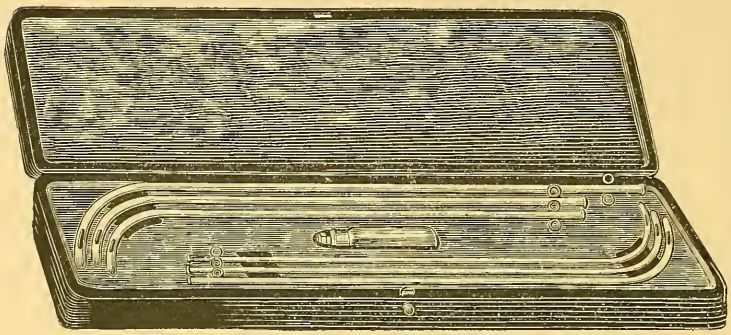


Fig. 686.

### Sets of Catheters in Cases.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set,** consisting of 6 plated Catheters, including 1 for the Prostate, and Bottle for oil; in morocco case (*Fig.* 686) . . . . . | 1 | 8 | 0 |

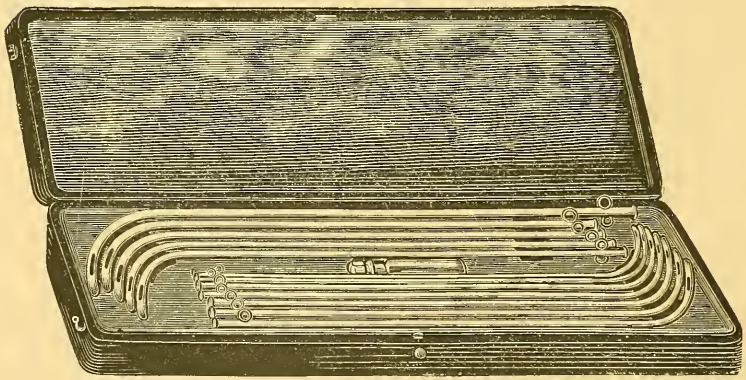


Fig. 687.

| | | | |
|---|---|---|---|
| **No. 2 Set,** consisting of 12 plated Catheters, including 1 for the Prostate, and Bottle for oil; in morocco case (*Fig.* 687) . . . . . | 2 | 8 | 0 |
| **No. 3 Set,** consisting of 6 plated Catheters and 1 for the Prostate, with long eyelets, 2 hollow handle steel Sounds, and Bottle for oil; in morocco case . . . . . | 2 | 12 | 6 |

## Bladder and Urethra Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **No. 4 Set,** "St. Thomas's," consisting of 12 plated Catheters and 1 for the Prostate, with long eyelets, 2 hollow handle steel Sounds, and Bottle for oil; in morocco case . . . . . | 3 | 13 | 6 |
| **No. 5 Set,** consisting of 12 hall-marked silver Catheters, and Bottle for oil; in morocco case . . | 6 | 6 | 0 |
| **No. 6 Set,** consisting of 6 Brodie's plated Catheters, with ebony handles, and Bottle for oil; in morocco case . . . . . | 1 | 14 | 0 |
| **No. 7 Set,** consisting of 14 Brodie's plated Catheters, with ebony handles, including 1 for Children and 1 for the Prostate, and Bottle for oil; in morocco case . . . . . | 3 | 16 | 6 |
| **No. 8 Set,** consisting of 13 Lister's plated Catheters, including 1 for the Prostate, and Bottle for oil; in morocco case . . . . . | 2 | 15 | 6 |
| **No. 9 Set,** consisting of 13 Thompson's graduated, plated Catheters, and Bottle for oil; in morocco case . . . . . | 3 | 10 | 6 |
| **No. 10 Set,** consisting of 3 Thompson's Prostate Catheters, and Bottle for oil; in morocco case. . | 1 | 1 | 0 |

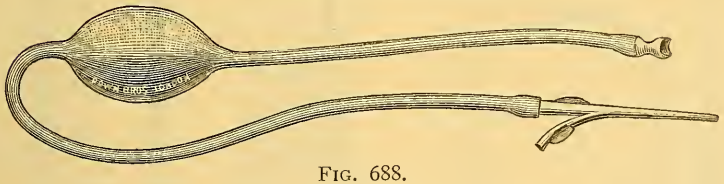


Fig. 688.

| | | | |
|---|---|---|---|
| **Acton's Syringe,** for applying solutions to the Prostate . . . . . in case | 0 | 5 | 0 |
| **Apparatus for washing out the Bladder,—** | | | |
| Buckston Browne's, consisting of conical metal double-way tube to fit Catheter, and Higginson's Syringe (*Fig.* 688), or may be fitted with India-rubber tube and funnel . . . . . each | 0 | 7 | 0 |
| The metal tube only . . . . . „ | 0 | 4 | 0 |
| Collins', consisting of vulcanite double-way cock (*Fig.* 689), with Higginson's Syringe or India-rubber tube and funnel . . . . . each | 0 | 7 | 6 |

## Bladder and Urethra Instruments, *continued.*

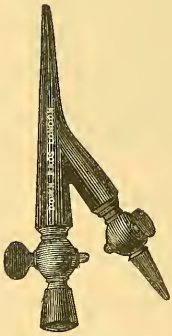



Fig. 689.

Fig. 690.

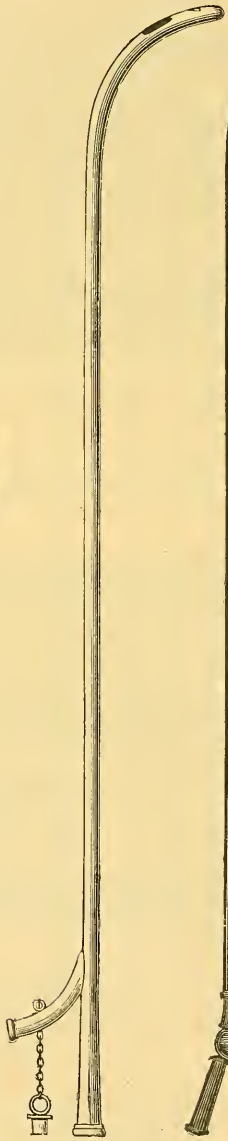


Fig. 691.

Fig. 692.

Fig. 693.

Fig. 694.

## Bladder and Urethra Instruments, *continued.*

### Apparatus for washing out the Bladder, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| The vulcanite Stopcock only (*Fig.* 689) . . each | 0 | 4 | 6 |
| Double-way metal tube (*Fig.* 690) . . . „ | 0 | 4 | 0 |
| Double Channel Catheter (*Fig.* 691), each, electro-plated, 13*s.* 6*d.*; silver | 1 | 7 | 0 |
| Ditto, ditto, vulcanite (*Fig.* 692) . . . . | 0 | 7 | 6 |
| Ditto, ditto, silk web (*Fig.* 693) . . . . | 0 | 7 | 6 |
| Ditto, ditto, Coudé, as suggested by Dr. Walker, of Peterboro' (*Fig.* 694) . . . . . each | 0 | 8 | 6 |

*Figs.* 690 *to* 694, *if fitted with Higginson's Syringe, each extra*, 3*s.*

Fig. 695.

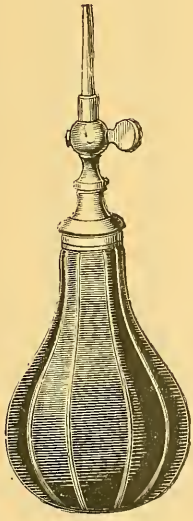


Fig. 696.

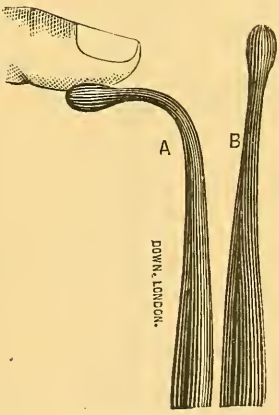



Fig. 697.

### Syringes,—

| | | | |
|---|---|---|---|
| Brass, with Stopcock, and fine nozzle to fit any size of Catheter (*Fig.* 695) . each, 3 oz. 10*s.* 6*d.*; 4 oz. | 0 | 11 | 6 |
| India-rubber ditto (*Fig.* 696), each, 3 oz., 7*s.* 6*d.*; 4 oz. | 0 | 8 | 6 |

## Bladder and Urethra Instruments, *continued.*

| Bougies and Dilating Sounds,— | £ | s. | d. |
|---|---|---|---|
| Catgut, fine sizes up to No. 1 . . . per doz. | 0 | 4 | 6 |
| Elastic gum, à Boule, extra flexible (*Fig.* 697), sizes 1 to 15 . . . . . per doz. | 0 | 16 | 0 |
| Ditto, ditto, ditto, sizes 16, 17, 18 . . ,, | 1 | 7 | 0 |
| Ditto, ditto, ditto, silk webs, sizes 1 to 12 ,, | 1 | 1 | 0 |
| Ditto, acorn tips (*Fig.* 698), sizes 1 to 12 . ,, | 0 | 18 | 0 |
| Ditto, bellied olivary, sizes 1 to 12 . . ,, | 1 | 2 | 0 |
| Ditto, conical (*Fig.* 699), sizes 1 to 12 . ,, | 0 | 10 | 6 |
| Ditto, cylindrical, double web (*Fig.* 700), sizes 1 to 12 . . . . . ,, | 0 | 5 | 6 |
| Ditto, ditto, ditto, sizes 13, 14, and 15 . ,, | 0 | 9 | 0 |
| Ditto, ditto, ditto, sizes 16, 17, and 18 . ,, | 0 | 18 | 0 |
| Ditto, ditto, silk web, sizes 1 to 12 . . ,, | 1 | 1 | 0 |
| Ditto, olivary, or à Boule, with catgut interior (*Fig.* 701), sizes 1 to 12 . . . . per doz. | 0 | 18 | 0 |
| Ditto, three bulb (*Fig.* 702), sizes 1 to 12 . ,, | 1 | 13 | 0 |
| Metal, flexible, sizes 1 to 12 . . . ,, | 0 | 7 | 0 |
| Clutton's, plated on steel (*Fig.* 703) . . . each | 0 | 7 | 6 |

*The curve of these Sounds* (*Fig.* 703) *forms a segment of a circle of* 3 *inches diameter, and each sound is graduated to increase* 4 *sizes* (*French gauge*) *from the point to the thickest part. Made in* 6 *sizes*—$\frac{18}{22}$, $\frac{20}{24}$, $\frac{22}{26}$, $\frac{24}{28}$, $\frac{26}{30}$, $\frac{28}{32}$.

| | | | |
|---|---|---|---|
| Ditto, ditto . . . . the set of 6, in case | 2 | 15 | 0 |
| Lister's, plated on steel, bulb ends (*Fig.* 704) . each | 0 | 5 | 0 |
| Ditto, ditto . . . . set of 11, in case | 3 | 3 | 0 |

## Bladder and Urethra Instruments, *continued.*

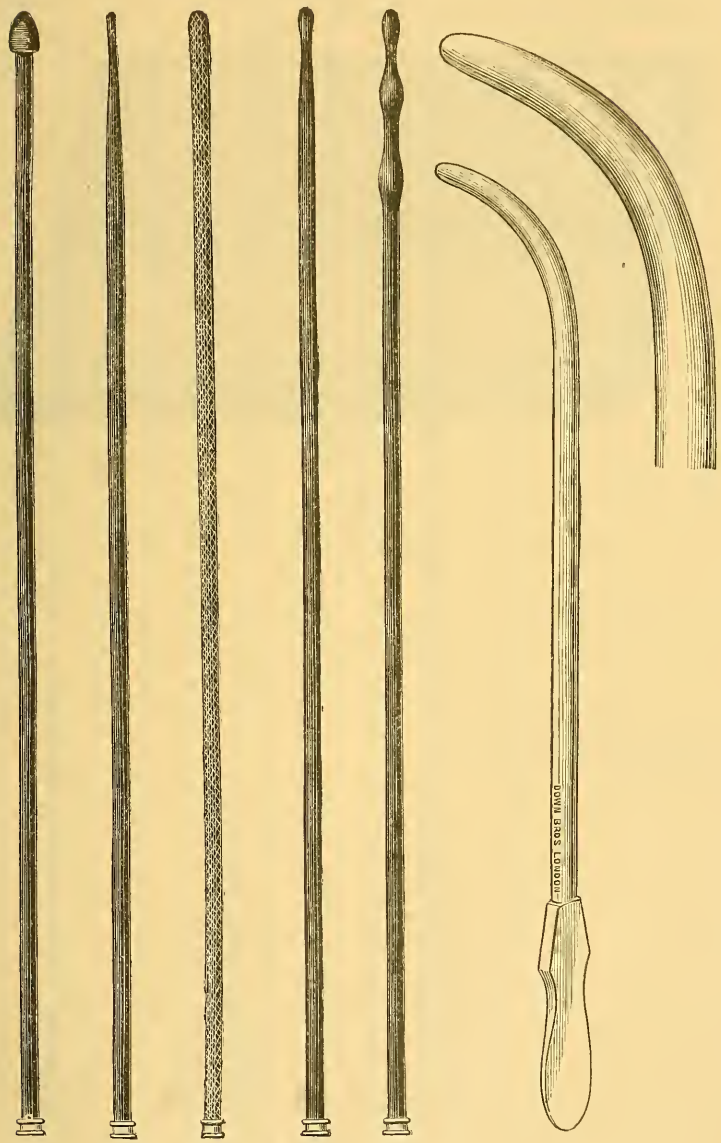



Fig. 698. Fig. 699. Fig. 700. Fig. 701. Fig. 702. Fig. 703.

## Bladder and Urethra Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Bougies and Dilating Sounds,** *continued,*— | | | |
| Liston's, plated on steel, cylindrical (*Fig.* 705) . each | 0 | 3 | 9 |

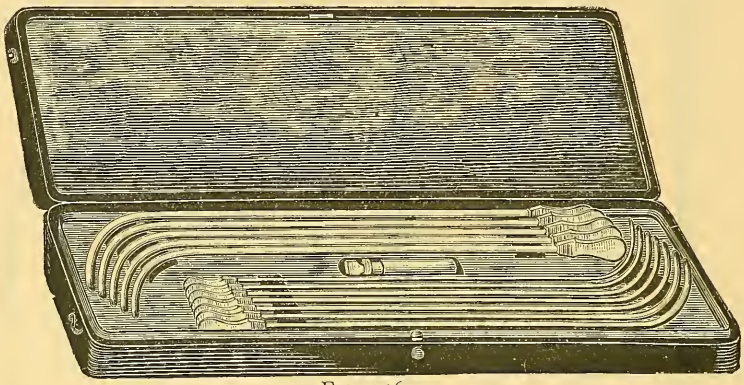


Fig. 706.

| | | | |
|---|---|---|---|
| Ditto, ditto (*Fig.* 706) . . set of 12, in case | 2 | 15 | 0 |
| Thompson's, plated on steel (*Fig.* 707) . . each | 0 | 6 | 6 |

*These Sounds are graduated to increase 2 sizes (English gauge), from the point to the thickest part. Made in 7 sizes—* $\frac{6}{8}$, $\frac{7}{9}$, $\frac{8}{10}$, $\frac{9}{11}$, $\frac{10}{12}$, $\frac{11}{13}$, $\frac{13}{15}$.

| | | | |
|---|---|---|---|
| Ditto, ditto . . . . the set of 7, in case | 2 | 15 | 6 |
| Silver, hall-marked (cylindrical), each: No. 1, 6*s.*; No. 2, 6*s.*; No. 3, 6*s.* 6*d.*; No. 4, 7*s.* 6*d.*; No. 5, 8*s.* 6*d.*; No. 6, 9*s.*; No. 7, 10*s.* 6*d.*; No. 8, 11*s.*; No. 9, 12*s.*; No. 10, 13*s.* 6*d.*; No. 11, 15*s.*; No. 12 | 0 | 15 | 6 |
| Whalebone (*Fig.* 708) . . . . . per doz. | 0 | 11 | 6 |
| **Medicated Bougies,**— | | | |
| In boxes of 1 doz., No. 9 gauge, cylinders 2½-in. long per doz. | 0 | 1 | 6 |

Acetate of Lead, $\frac{3}{4}$ and $\frac{1}{2}$ gr.
Ext. Belladonna, 2 grs.
Ext. Opium, 2 grs.
Gallic Acid, 1 gr.
Nitrate of Silver, 1, $\frac{1}{2}$, and $\frac{1}{4}$ gr.
Perchloride of Iron, 1 and $\frac{3}{4}$ gr.
Sulph. Copper, $\frac{1}{2}$ gr.
Sulph. Zinc Exsic., 1 gr.
Tannic Acid, 1 gr.
White Bismuth, 10 grs.
White Bismuth and Acetate of Lead, 10 and $\frac{1}{2}$ gr.
Zinc Chloride, $\frac{1}{2}$ gr.

*Any other ingredients can be specially prepared.*

## Bladder and Urethra Instruments, *continued.*

Fig. 704.

Fig. 705.

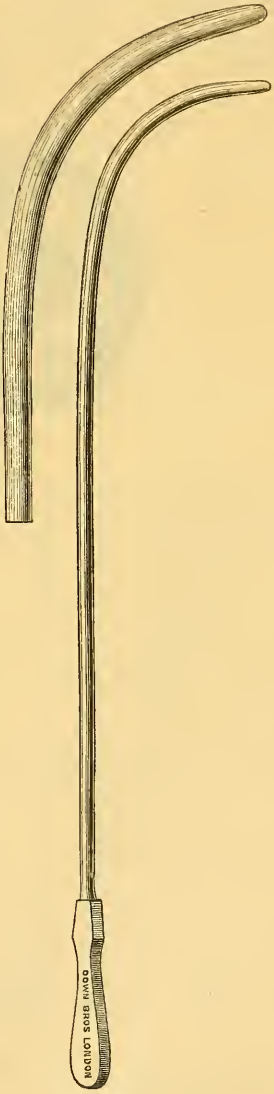



Fig. 707.

Fig. 708.

| Bladder and Urethra Instruments, *continued.* | £ | s. | d. |
|---|---|---|---|
| **Cheyne's Cylinders** for Gonorrhœa (4½-in. long, No. 10 gauge), Oil of Eucalyptus, 10 minims, and Iodoform, 5 grains in each . . . . per doz. | 0 | 2 | 0 |
| **Cases for Bougies**, leather . . . . each | 0 | 1 | 6 |
| Tin, japanned . . . . . „ | 0 | 1 | 6 |

Fig. 709.

| | | | |
|---|---|---|---|
| **Gauges** for Bougies, Catheters, etc., English, sizes 1 to 12, metal (*Fig.* 709) . . . . . each | 0 | 2 | 6 |
| Ditto, ditto, French and English sizes, Papier Maché (*Fig.* 710) . . . . . each | 0 | 2 | 6 |
| **Catheters, Female** (*see* Midwifery Instruments, *page* 227). | | | |
| **Catheters, Male,**— | | | |
| Elastic gum, à Boule, extra flexible (*Fig.* 711), sizes 1 to 15 . . . . . per doz. | 0 | 16 | 0 |
| Ditto, ditto, ditto, sizes 16, 17, and 18 . „ | 1 | 7 | 0 |
| Ditto, ditto, silk webs, flexible, sizes 1 to 12 „ | 1 | 1 | 0 |
| Ditto, conical (*Fig.* 712), sizes 1 to 12 . „ | 0 | 10 | 6 |
| Ditto, cylindrical, double webs (*Fig.* 713), sizes 1 to 12 . . . . . per doz. | 0 | 7 | 6 |
| Ditto, ditto, ditto, Nos. 13, 14, 15 . . „ | 0 | 12 | 0 |
| Ditto, ditto, ditto, Nos. 16, 17, 18 . . „ | 0 | 18 | 0 |
| Ditto, ditto, double silk webs and woven eyes (*Fig.* 714), sizes 1 to 12 . . . . . per doz. | 1 | 1 | 0 |
| Ditto, ditto, ditto, Nos. 13, 14, 15 . . „ | 1 | 7 | 0 |
| Ditto, Phillips' Sonde à vis (*Fig.* 715) . . each | 0 | 7 | 6 |
| Ditto, Railway, open at end, conical, sizes 1 to 12, per doz. | 0 | 12 | 0 |
| Ditto, ditto, with long catgut guides for passing fine strictures (*Fig.* 716) . . . . . per doz. | 1 | 4 | 0 |
| Ditto, tapering ends, sizes 4 to 12 . . „ | 1 | 0 | 0 |

## Bladder and Urethra Instruments, *continued.*

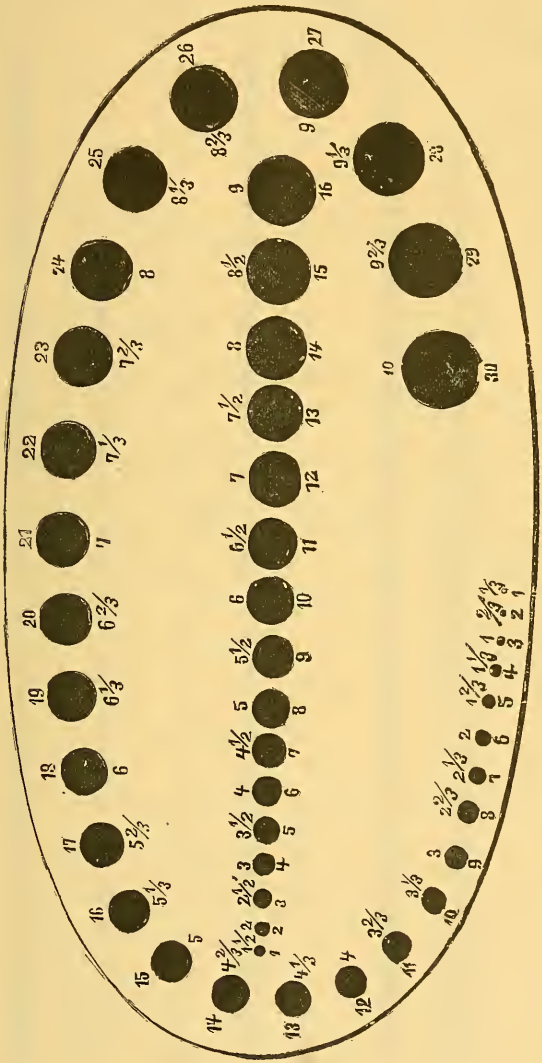


Fig. 710.

Fig. 711.

## Bladder and Urethra Instruments, *continued.*

Fig. 712.

Fig. 715.

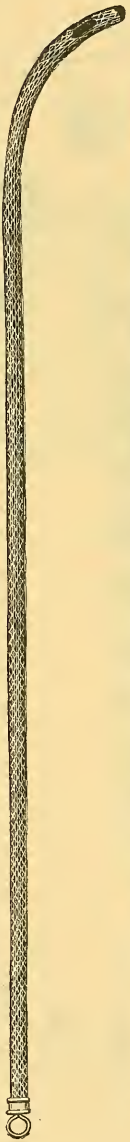



Fig. 713.

Fig. 714.

Fig. 716.

Fig. 717.

## Bladder and Urethra Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Catheters, Male,** *continued,*— | | | |
| India-rubber (*Fig.* 717), sizes 5 to 12 . . per doz. | 0 | 16 | 0 |
| „ Holt's winged (*Fig.* 718), sizes 5 to 12, per doz. | 1 | 16 | 0 |
| „ Napier's retention (*Fig.* 719), sizes 5 to 12, per doz. | 2 | 2 | 0 |
| Metal, electro-plated, with round eyelets (*Fig.* 720), per doz. | 1 | 16 | 0 |
| Ditto, long eyelets, Key's (*Fig.* 721) . „ | 2 | 2 | 0 |
| Ditto, Brodie's, with ebony handles . . . each | 0 | 4 | 6 |
| Ditto, Brodie's Blood Catheters, with Bougie Stilettes (*Fig.* 722) . . . . . each | 0 | 8 | 6 |
| Ditto, silver, ditto, ditto . . . . . „ | 0 | 17 | 6 |
| Silver, hall-marked, each, No. 1, 5*s.* 3*d.*; No. 2, 5*s.* 3*d.*; No. 3, 6*s.*; No. 4, 6*s.*; No. 5, 6*s.* 6*d.*; No. 6, 7*s.* 6*d.*; No. 7, 8*s.* 6*d.*; No. 8, 9*s.*; No. 9, 9*s.* 6*d.*; No. 10, 10*s.* 6*d.*; No. 11, 11*s.*; No. 12 . . | 0 | 12 | 0 |
| Silver, Bryant's (*Fig.* 723), hall-marked, No. 1, 7*s.*; No. 2, 7*s.* 6*d.*; No. 3, 8*s.*; No. 4, 8*s.* 6*d.*; No. 5, 9*s.*; No. 6, 9*s.* 6*d.*; No. 7, 10*s.*; No. 8, 10*s.* 6*d.*; No. 9, 11*s.* 6*d.*; No. 10, 12*s.* 6*d.*; No. 11, 13*s.* 6*d.*; No. 12 . . . . . | 0 | 14 | 6 |
| Teevan's conical, silver, with long whalebone guides (*Fig.* 724) . . . . . each | 0 | 12 | 6 |
| **Prostate Catheters,**— | | | |
| Elastic gum . . . . . per doz. | 0 | 18 | 0 |
| Ditto, silk webs, flexible, woven eyes (*Fig.* 714) „ | 1 | 1 | 0 |
| Ditto, Bi-Coudée (*Fig.* 725) . . . . „ | 1 | 2 | 6 |
| Ditto, Coudée (*Fig.* 726) . . . . „ | 0 | 18 | 0 |
| Ditto, ditto, silk webs (*Fig.* 726) . . . „ | 1 | 7 | 0 |
| Electro-plated . . . . . each | 0 | 4 | 6 |
| Ditto, long eyelets, Key's . . . . „ | 0 | 5 | 3 |
| Ditto, Brodie's . . . . . „ | 0 | 6 | 0 |
| India-rubber (*Fig.* 717) . . . . per doz. | 0 | 16 | 0 |
| Silver, each, No. 6, 11*s.*; No. 7, 12*s.*; No. 8, 12*s.* 6*d.*; No. 9, 13*s.* 6*d.*; No. 10, 14*s.*; No. 11, 15*s.*; No. 12 . . . . . | 0 | 16 | 6 |

## Bladder and Urethra Instruments, *continued.*

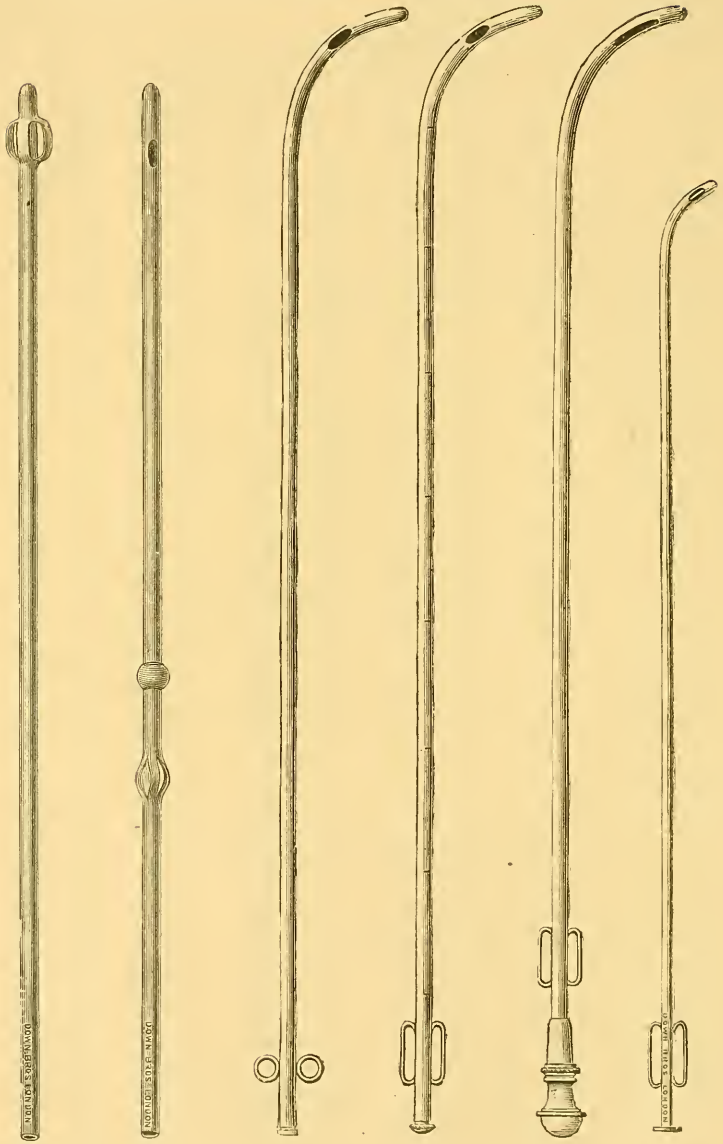


Fig. 718. Fig. 719 Fig. 720. Fig. 721. Fig. 722. Fig. 723.

## Bladder and Urethra Instruments, *continued.*

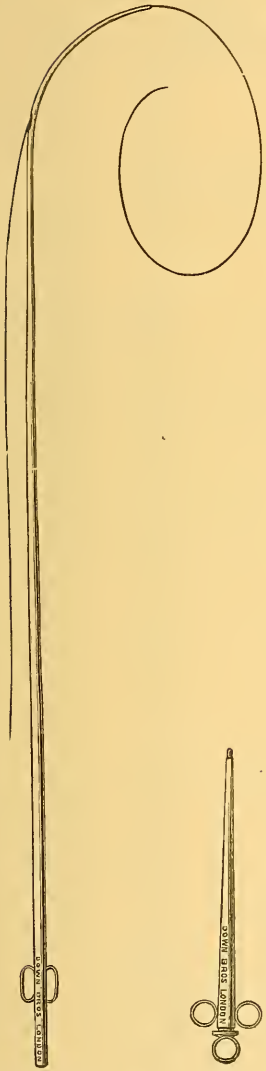


Fig. 724.



Fig. 727.

Fig. 725.

Fig. 726.

Fig. 728

## Bladder and Urethra Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Cases for Catheters,** Leather . . . . each | 0 | 3 | 0 |
| Tin, japanned . . . . . „ | 0 | 2 | 6 |
| **Catheter Holders,** for retaining Catheter in bladder „ | 0 | 1 | 6 |
| **Catheter Plugs,** ivory . . . . . „ | 0 | 0 | 3 |
| Hutchinson's, plated (*Fig.* 727) . . . . „ | 0 | 2 | 3 |
| **Catheter Walking Stick,** Buckston Browne's, containing space for Catheter and receptacle for oil, each | 0 | 15 | 6 |
| **Caustic Catheters,**— | | | |
| Dawson's, silver (*Fig.* 728) . . . . . each | 1 | 7 | 6 |
| Erichsen's, silver (*Fig.* 729), each, No. 9, 27*s.* 6*d.*; No. 10 | 1 | 10 | 0 |
| Lallemand's, silver (*Fig.* 730), each, 27*s.* 6*d.*; elastic, with silver end . . . . . | 0 | 15 | 0 |
| Thompson's, silver (*Fig.* 731) . . . . each | 1 | 7 | 6 |

## Bladder and Urethra Instruments, *continued.*

Fig. 729.

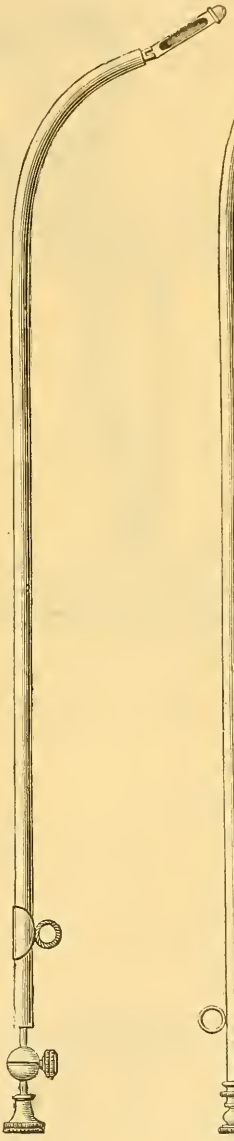


Fig. 730.

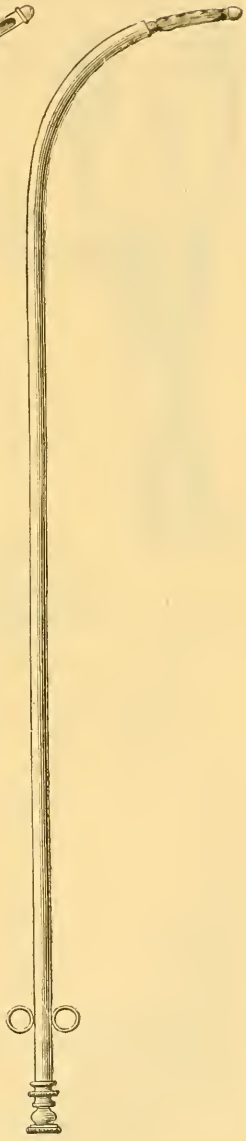


Fig. 731.

## Bladder and Urethra Instruments, *continued.*

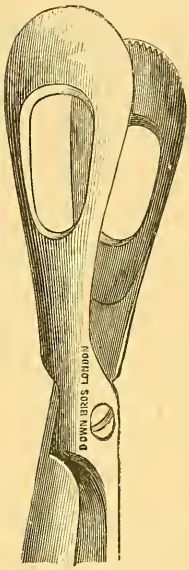



Fig. 732.

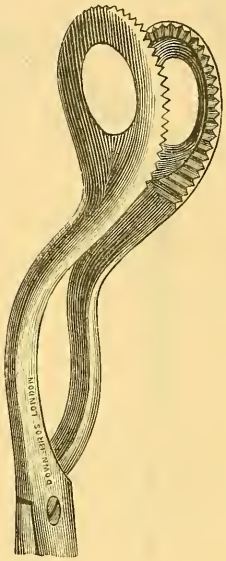



Fig. 733.

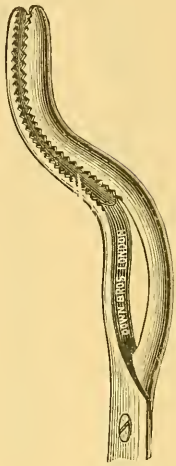



Fig. 734.

**Forceps, etc., for removing growths from Bladder,—**

| | £ | s. | d. |
|---|---|---|---|
| Thompson's (*Figs.* 732 *and* 733), nickel plated . each | 0 | 12 | 6 |
| Ditto (*Fig.* 734), for removing growths close to the neck of the bladder . . . . . each | 0 | 10 | 6 |

Fig. 735.

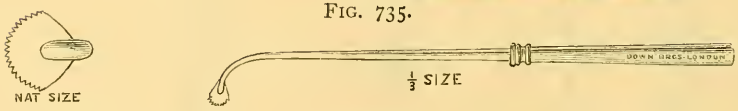



Fig. 736.

| | | | |
|---|---|---|---|
| Ditto, Serrated Instruments, for same purpose (*Figs.* 735 *and* 736) . . . . . each | 0 | 7 | 6 |
| **Gorget**, Thompson's, to assist introduction of finger in digital exploration of the bladder, with grooved end (*Fig.* 737) . . . . . each | 0 | 8 | 6 |

## Bladder and Urethra Instruments, *continued.*

Fig. 737.

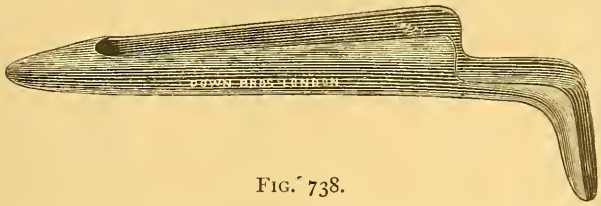


Fig. 738.

**Female Urethra Dilators and Speculums,—**

| | £ | s. | d. |
|---|---|---|---|
| Bryant's (*Fig.* 738), per set of 3, vulcanite, 7*s.* 6*d.*; ivory | 0 | 15 | 0 |
| Reeves', plated, with plugs, 3 sizes . . . each | 0 | 10 | 6 |

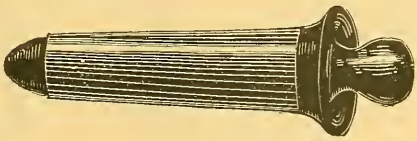


Fig. 739.

| | | | |
|---|---|---|---|
| Simon's, vulcanite, 7 sizes (*Fig.* 739) . . per set | 1 | 2 | 6 |
| Steel, two-bladed . . . . . each | 0 | 7 | 6 |

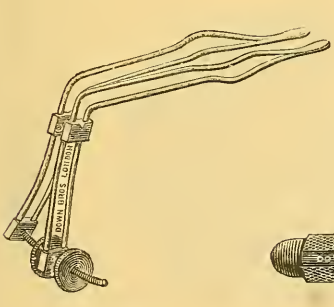


Fig. 741.

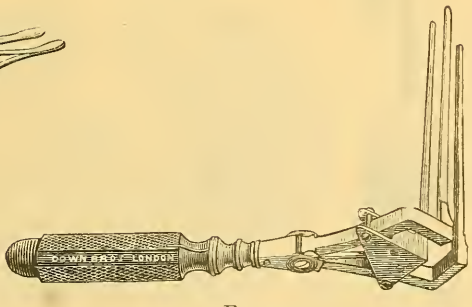


Fig. 740.

| | | | |
|---|---|---|---|
| Ditto, three-bladed (*Fig.* 740) . . . each | 2 | 2 | 0 |
| Walters', Mr. J. Hopkin's Speculum (*Fig.* 741) . „ | 0 | 9 | 6 |

## Bladder and Urethra Instruments, *continued.*

Fig. 742.

Fig. 743.

Fig. 744.

Fig. 745.

Fig. 747.

| | £ | s. | d. |
|---|---|---|---|
| **Insufflators**, for the Urethra (*Fig.* 742) . . each | 0 | 5 | 6 |
| **Perineal Section Instruments,**— | | | |
| Cock's Knife (*Fig.* 743), each, ebony handle, 4*s.*; ivory | 0 | 5 | 0 |
| Durham's, chequered ivory handle . . . each | 0 | 7 | 6 |

## Bladder and Urethra Instruments, *continued.*

| Perineal Section Instruments, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Director, with large groove, to facilitate introduction of Catheter (*Fig.* 744) . . . . . each | 0 | 10 | 6 |
| Retractors . . . . . ,, | 0 | 2 | 6 |
| Syme's Sigmoid Catheter . . . . . ,, | 0 | 7 | 6 |
| Syme's Staff (*Fig.* 745) . . . . . ,, | 0 | 7 | 6 |

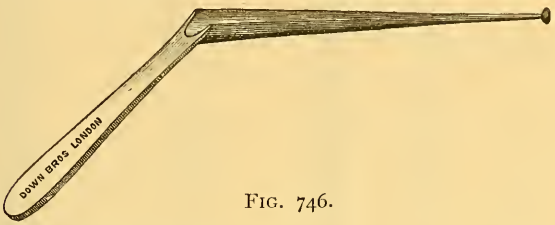



Fig. 746.

| | | | |
|---|---|---|---|
| Teale's Gorget (*Fig.* 746) . . . . . each | 0 | 7 | 6 |
| Wheelhouse's Staff (*Fig.* 747) . . . . . ,, | 0 | 7 | 6 |

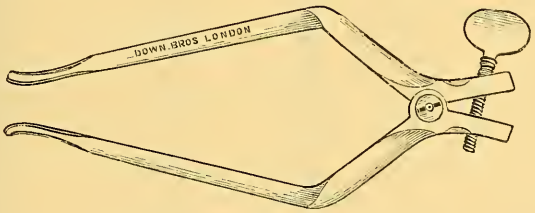



Fig. 748.

| Phymosis Instruments,— | | | |
|---|---|---|---|
| Carver's Prepuce Dilator (*Fig.* 748) . . . each | 0 | 10 | 6 |

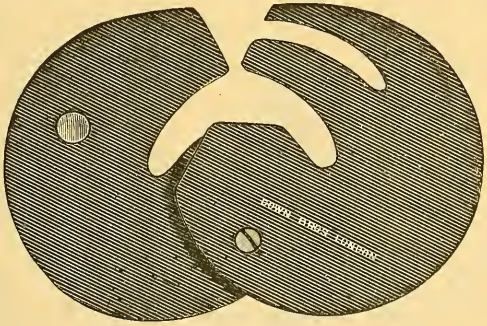



Fig. 749.

| | | | |
|---|---|---|---|
| Clover's Disc Clamp, for circumcision (*Fig.* 749) each | 0 | 10 | 6 |

## Bladder and Urethra Instruments, *continued.*

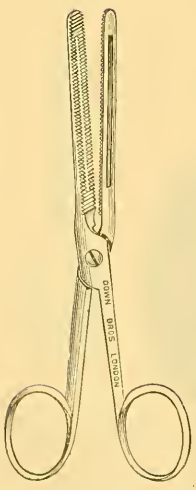



Fig. 750.

Fig. 751.

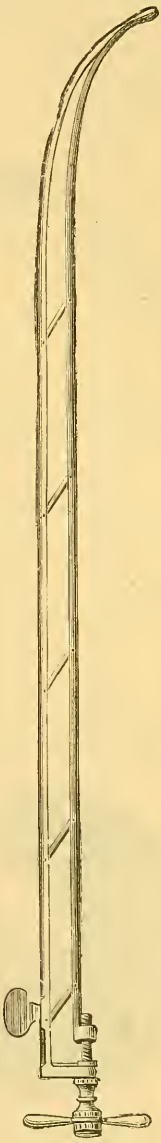


Fig. 752.

Fig. 753.

## Bladder and Urethra Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Phymosis Instruments,** *continued,*— | | | |
| Ricord's Forceps (*Fig.* 750) . . . . . each | 0 | 6 | 0 |
| **Simon's Angular Scoops,** for removing growths from female bladder . . . . . each | 0 | 7 | 6 |
| **Speculums, for Female Urethra** (*see* Female Urethra Dilators). | | | |
| **Speculums, for Male Urethra** (*see also* Electric Light Apparatus, *pages* 394–399). | | | |
| Picks . . . . each, straight, 5*s.* 6*d.*; curved | 0 | 7 | 6 |
| **Stricture Dilators,**— | | | |
| Holt's (*Fig.* 751), with set of 3 tubes . per set, in case | 2 | 10 | 0 |
| Lyon's (*Fig.* 752) . . . . . each | 1 | 7 | 0 |
| Thompson's (*Fig.* 753) . . . . . ,, | 1 | 10 | 0 |
| Wakley's . . . . . per set, in case | 4 | 4 | 0 |

Fig. 754.

| | | | |
|---|---|---|---|
| **Thompson's Conical Diagnostic Sounds,** graduated for diagnosing Strictures (*Fig.* 754), 3 sizes, each | 0 | 5 | 0 |
| **Urethra Forceps** (*see page* 217). | | | |
| **Urethra Syringes** (*see pages* 337, 338). | | | |
| **Urethrotomes,**— | | | |
| Berkeley Hill's . . . . . in case | 2 | 10 | 0 |
| Durham's . . . . . ,, | 3 | 0 | 0 |
| Maissoneuve's (*Fig.* 755) . . . . . ,, | 1 | 10 | 0 |
| Otis' (*Fig.* 756) . . . . . each | 3 | 0 | 0 |
| Teevan's (*Fig.* 757) . . . . . in case | 2 | 5 | 0 |
| Thompson's, modification of Civiale's (*Fig.* 758) ,, | 2 | 5 | 0 |
| Ditto, with set of 3 Conical Diagnostic Sounds ,, | 3 | 3 | 0 |
| **Urethrometers,** Otis' (*Fig.* 759) . . . . each | 3 | 0 | 0 |

## Bladder and Urethra Instruments, *continued.*

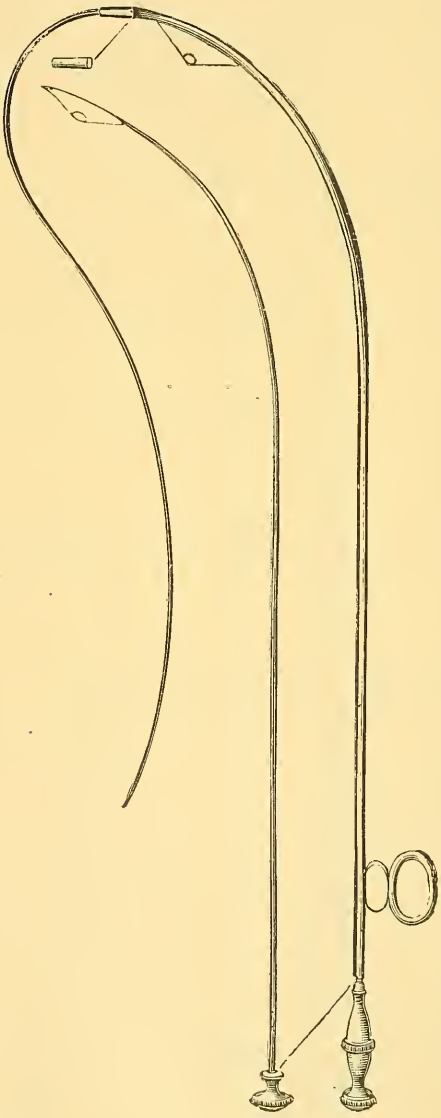


Fig. 755.

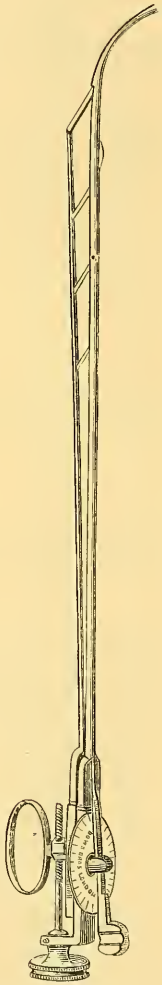


Fig. 756.

## Bladder and Urethra Instruments, *continued.*

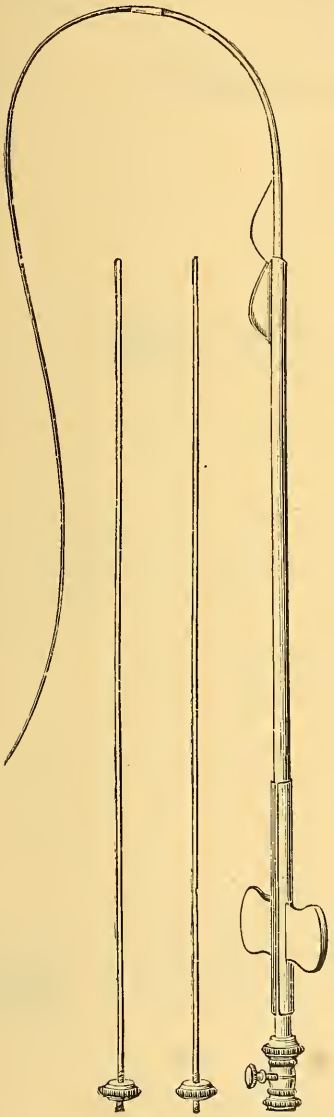


Fig. 757.

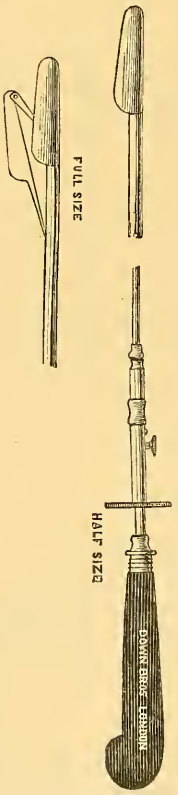



Fig. 758.

Fig. 759.

## MR. CLEMENT LUCAS'S INSTRUMENTS FOR OPERATIONS ON THE KIDNEY.

FIG. 760.

| | £ | s. | d. |
|---|---|---|---|
| **Stilettoes** (*Fig.* 760), straight or curved . . each | 0 | 6 | 6 |

*Long, narrow, stiletto-shaped needles, set in handles, for probing the kidney, in order to determine the existence of a stone in its interior.*

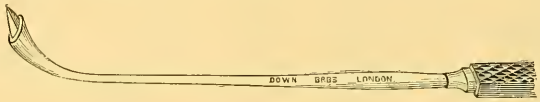



FIG. 761.

**Blunted Lance** (*Fig.* 761) . . . . . each 0 12 6

*A curved, blunted, lance-shaped instrument, to tear or scrape, rather than cut, into the kidney substance.*

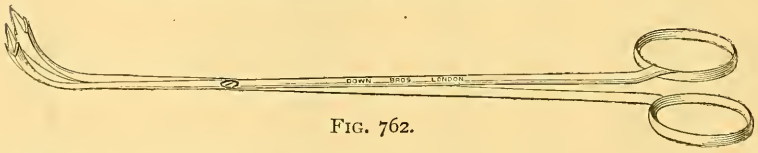



FIG. 762.

**Dilating Lance Forceps,** blunted (*Fig.* 762) . each 0 15 6

*To enlarge the opening by tearing.*

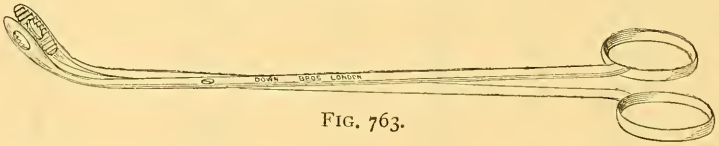



FIG. 763.

**Forceps,** curved (*Fig.* 763) . . . . . each 0 15 6

*For removing calculus through the opening made.*

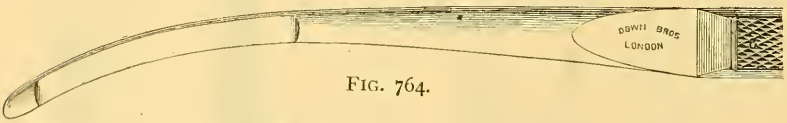



FIG. 764.

**Nephrectomy Knife** (*Fig.* 764) . . . . each 0 7 6

*A firm, blunt-pointed, curved bistoury, resembling a hernia knife, for dividing adhesions.*

## Mr. Clement Lucas's Instruments, *continued.*

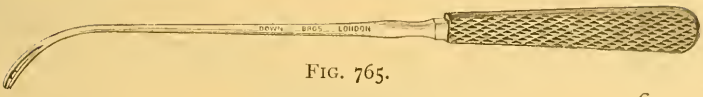



Fig. 765.

| | £ | s. | d. |
|---|---|---|---|
| **Nephrectomy Needle** (*Fig.* 765) . . . each | 0 | 9 | 6 |

*A long, curved, blunt-pointed needle, with large eye, for passing ligature round pedicle of the kidney.*

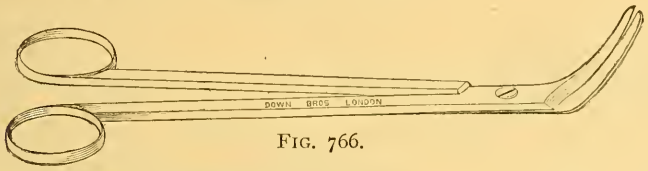



Fig. 766.

**Nephrectomy Scissors** (*Fig.* 766) . . . each 0 15 0

*Scissors, set at an angle, for dividing the pedicle.*

---

## LITHOTOMY AND LITHOTRITY INSTRUMENTS.

**Lithotomy Instruments,—**

**No. 1 Set,** consisting of 3 pairs straight and 2 pairs curved Lithotomy Forceps, 2 Lithotomy Knives, 2 Scalpels, Fergusson's Scoop, 4 Male Staffs, 2 Female Staffs, 3 Male Sounds with barrel handles, 2 Female Sounds, Buckston Browne's Lithotomy Tube and set of Mason's Straps; in handsome mahogany or walnut case . . . . . 8 10 0

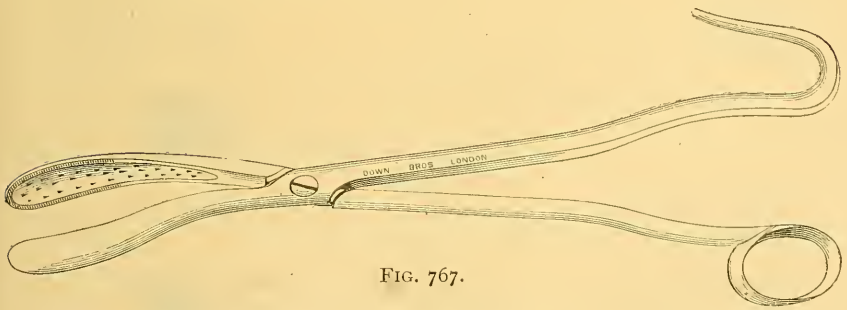



Fig. 767.

**Forceps,** curved (*Fig.* 767), 6 and 7-inch . . each 0 6 6
Ditto, ditto, 9 and 10-inch . . . . . „ 0 8 6

## Lithotomy and Lithotrity Instruments, *continued.*

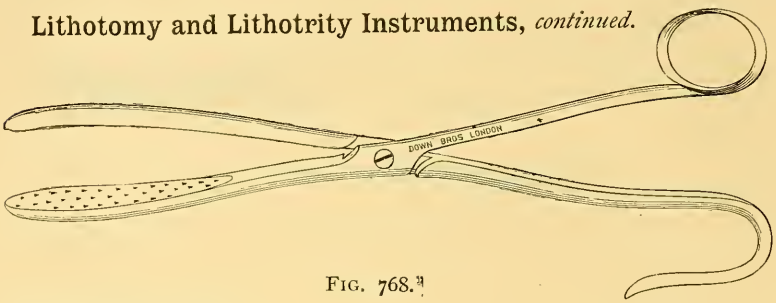



FIG. 768.

| | £ | s. | d. |
|---|---|---|---|
| **Forceps,** *continued,*— | | | |
| Straight (*Fig.* 768), 7 and 8-inch . . . . each | 0 | 6 | 6 |
| Ditto, ditto, 9 and 10-inch . . . . . „ | 0 | 8 | 6 |

*Nickel plated,* 1s. *each extra.*

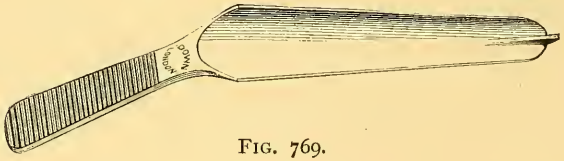



FIG. 769.

**Gorgets,** with blunt end (*Fig.* 769) . . . each 0 7 6

FIG. 770.

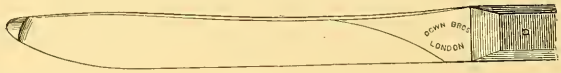



FIG. 771.

**Knives,**—

| | | | |
|---|---|---|---|
| Boyd's . . . . . each | 0 | 5 | 0 |
| Fergusson's (*Figs.* 770 *and* 771) . . . . „ | 0 | 3 | 6 |

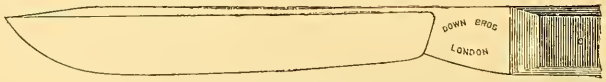



FIG. 772.

| | | | |
|---|---|---|---|
| Key's (*Fig.* 772) . . . . . each | 0 | 3 | 6 |
| Liston's . . . . . „ | 0 | 3 | 6 |

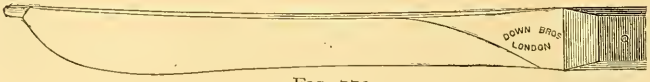



FIG. 773.

## Lithotomy and Lithotrity Instruments, *continued.*

| | | £ | s. | d. |
|---|---|---|---|---|
| **Knives,** *continued*,— | | | | |
| Probe ended (*Fig.* 773) | each | 0 | 4 | 6 |
| Thompson's | „ | 0 | 3 | 6 |
| **Lithotome,** Dupuytren's | „ | 3 | 3 | 0 |
| **Sounds** (*see pages* 221 *and* 222). | | | | |
| **Scoops** (*Fig.* 774) | each | 0 | 3 | 9 |
| Erichsen's (*Fig.* 775) | „ | 0 | 5 | 6 |
| Fergusson's, two sizes (*Fig.* 776) | „ | 0 | 7 | 6 |
| With curved end, right or left | „ | 0 | 5 | 6 |
| *Nickel plated,* 1*s. each extra.* | | | | |
| **Staffs,**— | | | | |
| Boyd's | each | 0 | 12 | 6 |
| Buchanan's rectangular (*Fig.* 777) | „ | 0 | 5 | 6 |
| Female (*Fig.* 778) | „ | 0 | 4 | 6 |
| Fergusson's, with lateral groove (*Fig.* 779) | „ | 0 | 4 | 6 |
| Ditto, with central groove | „ | 0 | 4 | 6 |
| Key's (*Fig.* 780) | „ | 0 | 4 | 6 |
| *Nickel plated,* 1*s. each extra.* | | | | |
| **Stone Crushers** | each | 1 | 18 | 6 |
| Lithotrite form | „ | 2 | 10 | 0 |

## Lithotomy and Lithotrity Instruments, *continued.*

Fig. 774.

Fig. 775.

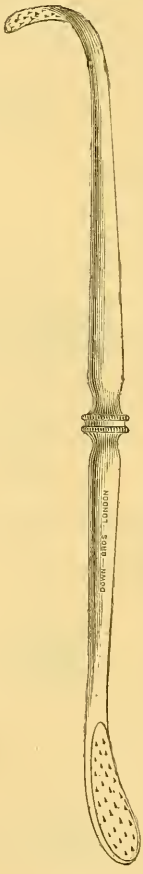


Fig. 776.

## Lithotomy and Lithotrity Instruments, *continued.*

Fig. 778. Fig. 777. Fig. 780. Fig. 779.

## Lithotomy and Lithotrity Instruments, *continued.*

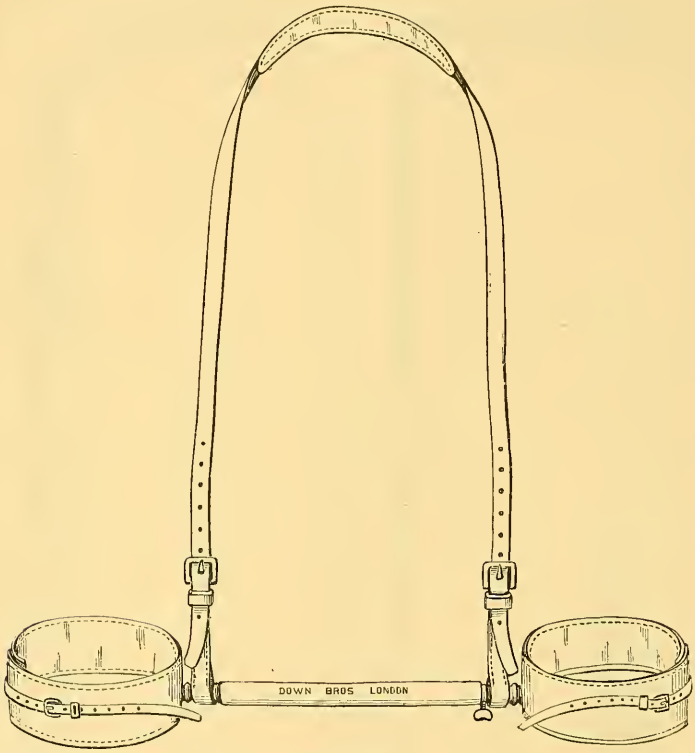



Fig. 781.

| Straps,— | £ | s. | d. |
|---|---|---|---|
| Clover's Crutch (*Fig.* 781) . . . . . each | 1 | 8 | 0 |

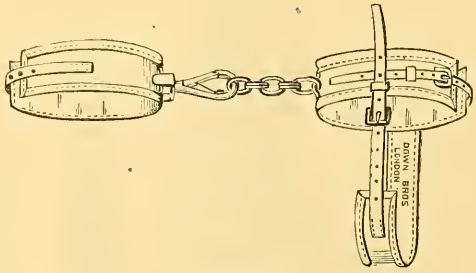



Fig. 782.

| | | | | |
|---|---|---|---|---|
| Mason's (*Fig.* 782) : . . . . . | per set | 0 | 13 | 6 |

## Lithotomy and Lithotrity Instruments, *continued.*

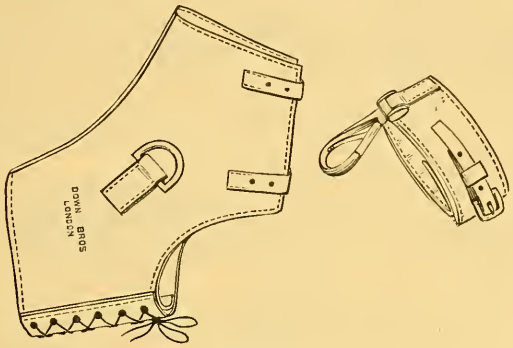



Fig. 783.

| | £ | s. | d. |
|---|---|---|---|
| **Straps,** *continued*,— | | | |
| Pritchard's (*Fig.* 783) . . . . . per set | 0 | 19 | 0 |

Fig. 784.

| | | | |
|---|---|---|---|
| **Tubes, Lithotomy,** silver mounted (*Fig.* 784) . each | 0 | 3 | 0 |
| Buckston Browne's (*Fig.* 785) . . . . . „ | 0 | 7 | 6 |

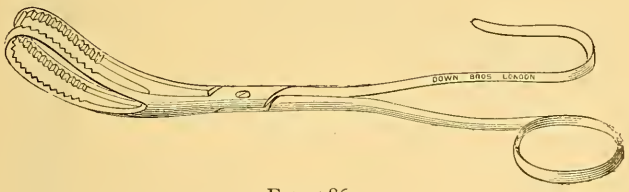



Fig. 786.

| | | | |
|---|---|---|---|
| **Supra-Pubic Operation Instruments,**— | | | |
| Jacobson's Fenestrated Forceps, for removing stone (*Fig.* 786) . . . . . each | 0 | 13 | 6 |
| Thompson's Catheter Guide (*Fig.* 787) . . „ | 0 | 15 | 6 |
| Ditto, Cystotomy Knife . each, ebony, 2*s.*; ivory | 0 | 2 | 9 |
| Ditto, Drainage Tube, india-rubber (*Fig.* 788) . each | 0 | 4 | 6 |

## Lithotomy and Lithotrity Instruments, *continued.*

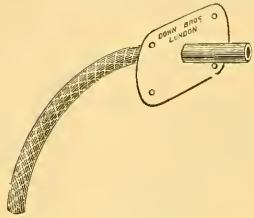



FIG. 789.

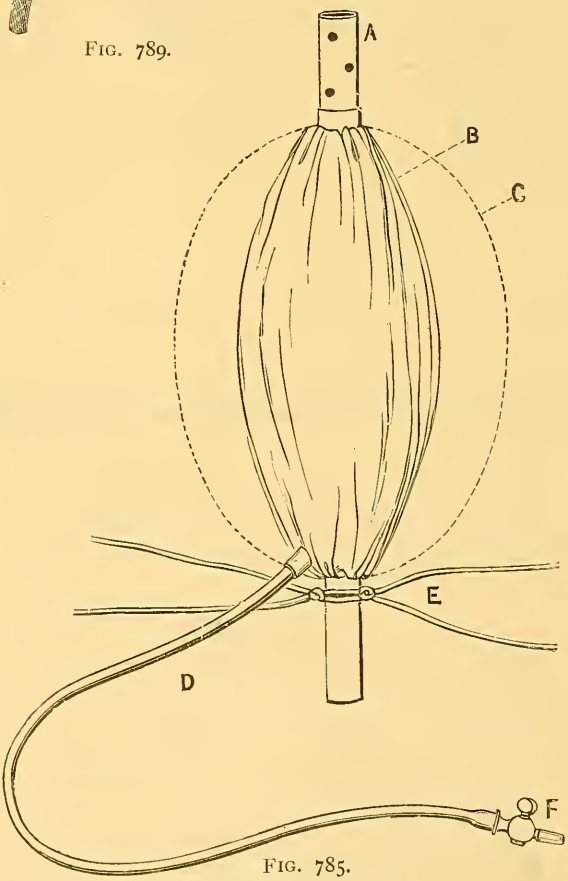



FIG. 785.

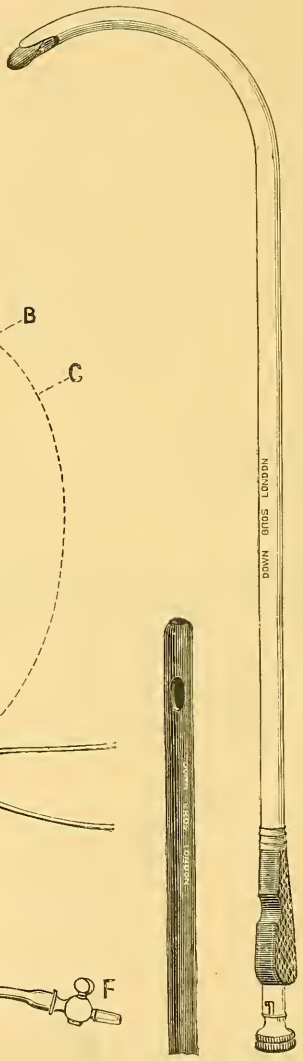



FIG. 788. FIG. 787.

**Supra-Pubic Operation Instruments,** *continued,*— £ *s. d.*

Thompson's elastic-gum Tube (*Fig.* 789), for wear in cases of operation for prostatic disease, etc., with plated shield, 5*s.* 6*d.*; with silver shield . . 0 10 6

## Lithotomy and Lithotrity Instruments, *continued.*

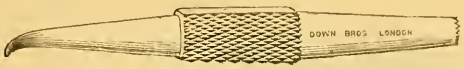



FIG. 790.

| | £ | s. | d. |
|---|---|---|---|
| **Supra-Pubic Operation Instruments,** *continued,*— | | | |
| Thompson's ivory Separator (*Fig.* 790) . . each | 0 | 8 | 6 |

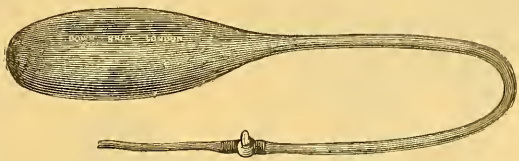


FIG. 791.

| | | | |
|---|---|---|---|
| Ditto, Rectal Bags, improved shape, 3 sizes (*Fig.* 791), each | 0 | 7 | 6 |
| **Lithotrity Instruments,**— | | | |
| **No. 1 Set,** consisting of Thompson's Lithotrite, Thompson's Evacuation Apparatus, and set of 4 Catheters, Scalpel, and 3 Sounds with barrel handles; in handsome mahogany or walnut case | 11 | 0 | 0 |

**Catheters,** for washing out the bladder (*see pages* 179–181).

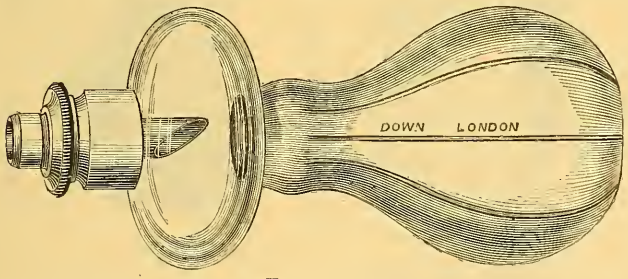



FIG. 792.

**Evacuation Apparatus,** for removing débris from the bladder after crushing,—

| | | | |
|---|---|---|---|
| Berkeley Hill's modification of Clover's, with 4 Catheters (*Fig.* 792) . . . . . per set | 2 | 12 | 6 |
| Cadge's modification of Golding-Bird's (*Fig.* 793), with set of 4 Catheters . . . . . | 4 | 4 | 0 |
| Clover's, with set of 4 Catheters (*Fig.* 794), per set, £1 16*s.*; in case | 2 | 4 | 0 |
| Golding-Bird's (*Fig.* 795), with set of 4 Catheters, per set | 3 | 13 | 6 |
| Morgan's, with set of 4 Catheters. . . ,, | 3 | 10 | 0 |

## Lithotomy and Lithotrity Instruments, *continued.*

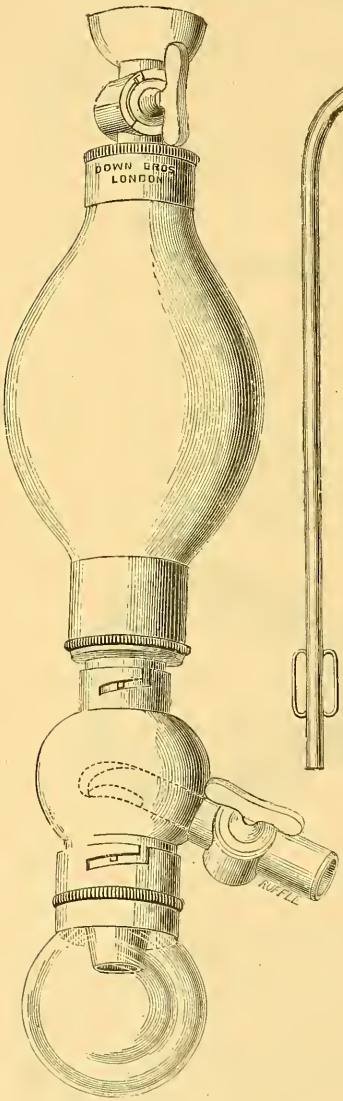



Fig. 793.

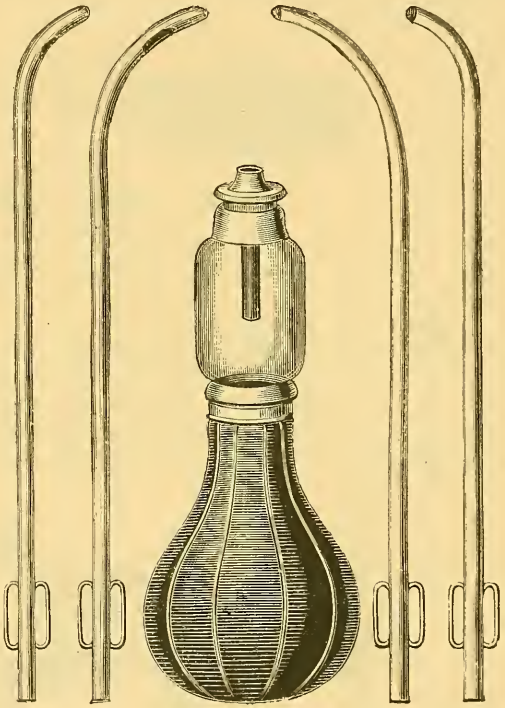


Fig. 794.

## Lithotomy and Lithotrity Instruments, *continued.*

### Evacuation Apparatus, *continued*,—

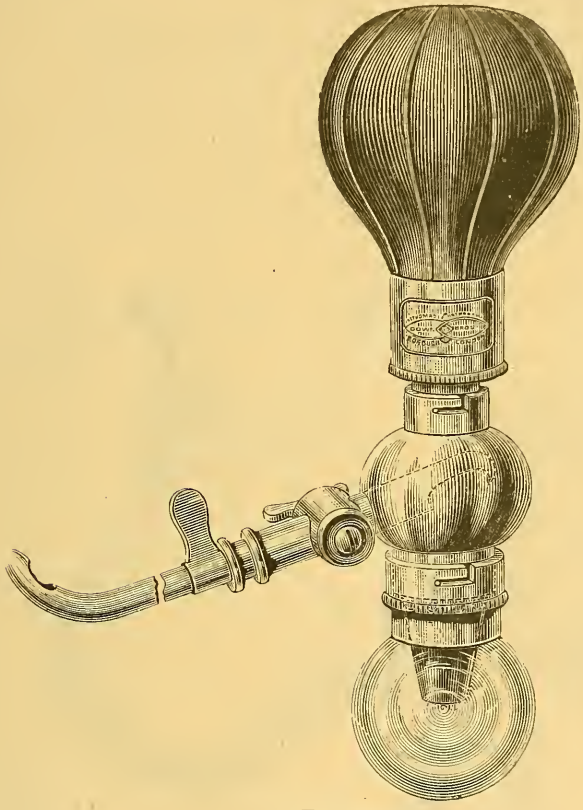


Fig. 795.

"*Messrs. Down Brothers*, 3, *St. Thomas's Street, London, S.E., are the makers of an evacuating aspirator, made under the instructions of Mr. Golding-Bird, to the efficiency of which reference has already been made by Mr. Cadge, in his lectures "On the Surgical Treatment of Stone in the Bladder"* (see *British Medical Journal*, July 3rd, 1886). *The essential features of the instrument are, that the fragments of stone are brought* (*by the shortest possible route*) *from the bladder to the aspirator; that, having reached the aspirator, they are whirled round in the brass sphere, and fall into the glass receiver as the current subsides; there is no valve or perforated metal plate to become clogged with mucus or fragments; there is plenty of room for the water to circulate round the end of the tube; but from the form of the opening in the tube, the direction of the current in the brass sphere, and the fact of the*

## Lithotomy and Lithotrity Instruments, *continued.*

### Evacuation Apparatus, *continued*,— £ s. d.

*rubber-ball being above the point of entry, there is no possibility of fragments being taken up into the ball and re-injected into the bladder. When the fragments and débris once reach the receiver, they remain undisturbed while the instrument is worked. It has been designed without any tap at the top, in order that the ball may be grasped "overhand," this allowing of a firm and quick compression, and easy relaxation of the hand with quick rebound. It is filled by simple displacement of the contained air. The tap suggested by Mr. Cadge can be easily added for those who prefer it. The sphere in the centre can be conveniently grasped by the left hand, and renders the balance of the instrument complete."—British Medical Journal*, Nov. 13th, 1886.

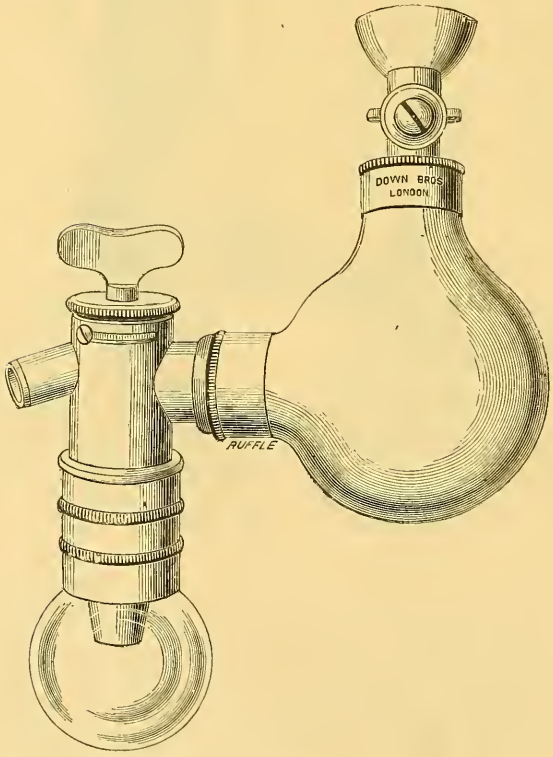



FIG. 796.

Thompson's (*Fig.* 796), with set of 4 Catheters, per set 3 13 6
Ditto, with valve (*Fig.* 797), with set of 4 Catheters, per set 3 15 0

## Lithotomy and Lithotrity Instruments, *continued.*

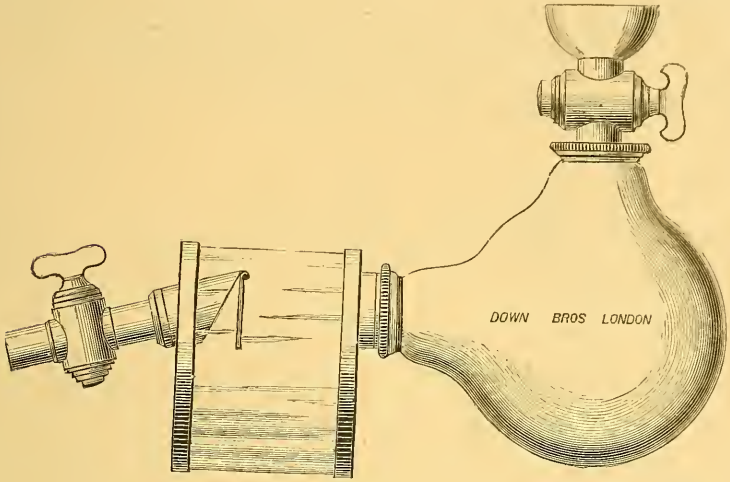



Fig. 797.

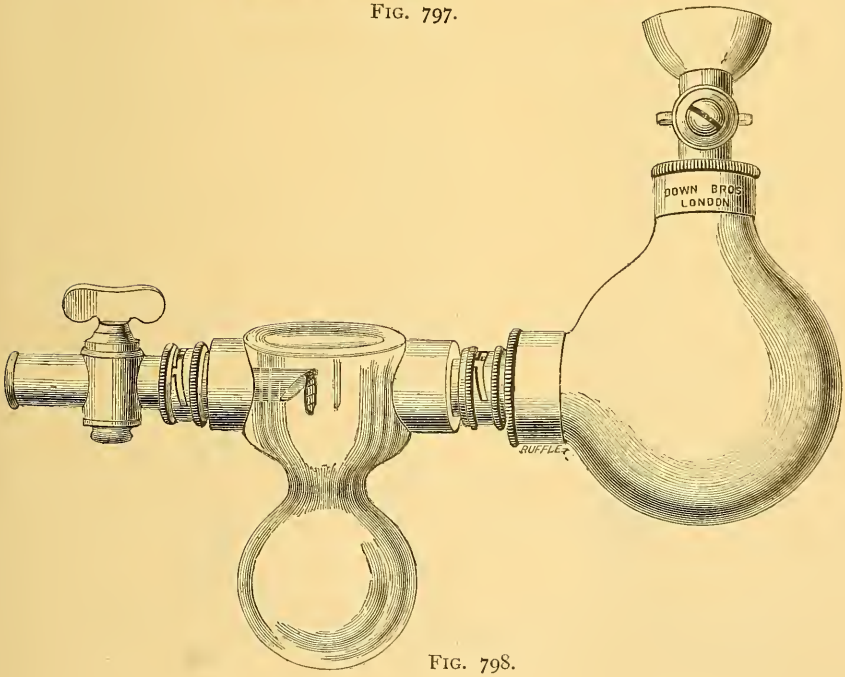



Fig. 798.

## Lithotomy and Lithotrity Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Evacuation Apparatus,** *continued*,— | | | |
| Thompson's, with valve, latest model (*Fig.* 798), per set | 3 | 15 | 0 |

*Any of the Catheters supplied with these evacuators can be fitted with pilots, which serve to close the eye during introduction, or to dislodge a fragment fixed in the tube.*

| | | | |
|---|---|---|---|
| Mahogany Cases to contain Evacuator, with set of 4 Catheters . . . . . each | 0 | 12 | 6 |

Fig. 799.

Fig. 800.

Fig. 801.

| | | | |
|---|---|---|---|
| **Extractors,** for removing small calculi or débris,— | | | |
| Cooper's . . . . . each | 1 | 10 | 0 |

## Lithotomy and Lithotrity Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Extractors,** *continued,*— | | | |
| Fergusson's (*Fig.* 799) . . . . . each | 1 | 17 | 6 |
| Improved model (*Fig.* 800) . . . . . „ | 3 | 3 | 0 |
| Léroy D'Etoile's (*Fig.* 801) . . . . . „ | 0 | 15 | 0 |

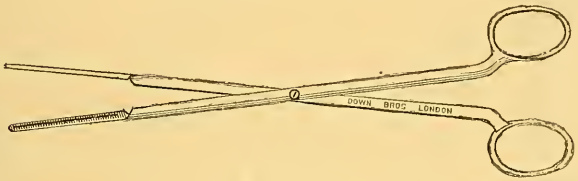



FIG. 802.

**Forceps, Urethra** (*Fig.* 802) . . . . . each 0 5 6

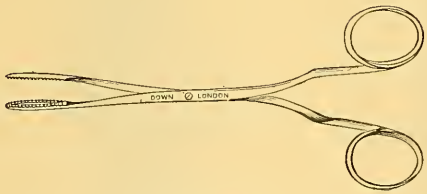



FIG. 803.

Fergusson's (*Fig.* 803) . . . . . each 0 6 6

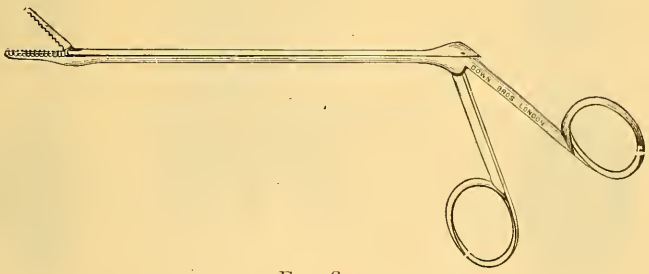


FIG. 804.

With crocodile mouth (*Fig.* 804) . . . . . each 0 15 0
Durham's, flexible, with 3 ends (*Fig.* 294, *page* 71), each, £2 5*s.*; in case 2 10 6

## Lithotomy and Lithotrity Instruments, *continued.*

Fig. 805.

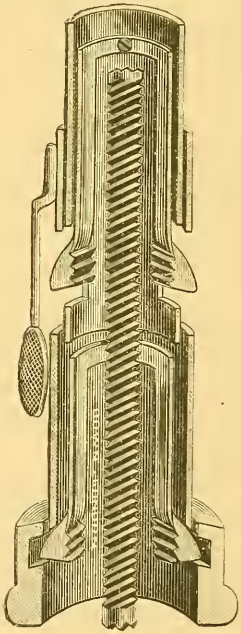
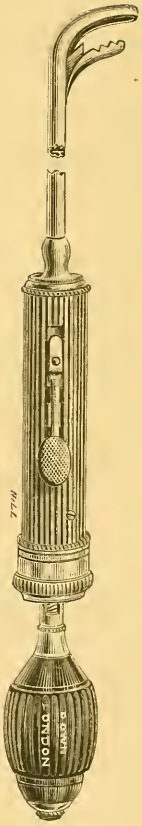


Fig. 807.




| Lithotrites,— | | £ | s. | d. |
|---|---|---|---|---|
| Bigelow's (*Fig.* 805) . . . . . | each | 6 | 10 | 0 |
| Children's Fenestrated (*Fig.* 806) . . . | „ | 5 | 5 | 0 |

## Lithotomy and Lithotrity Instruments, *continued.*

| Lithotrites, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Civiale's . . . . . each | 5 | 0 | 0 |
| * Manby's (*Fig.* 807) . . . . . „ | 8 | 10 | 0 |
| Teevan's . . . . . „ | 6 | 0 | 0 |

Fig. 806.

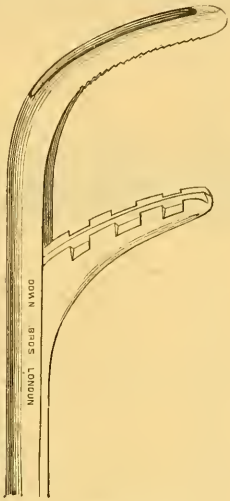



Fig. 808.

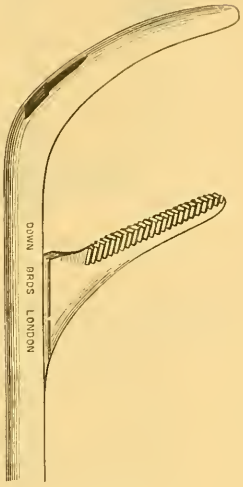



Fig. 809.

| | | | |
|---|---|---|---|
| Thompson's (*Figs.* 808 *and* 809) . . . . each | 5 | 5 | 0 |
| Ditto, flat blade . . . . . „ | 5 | 5 | 0 |

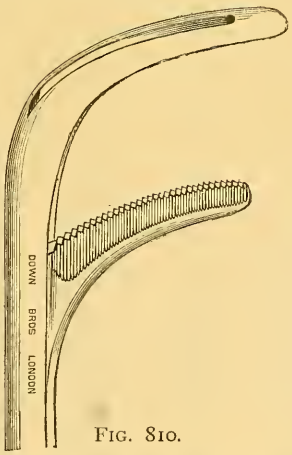



Fig. 810.

| | | | |
|---|---|---|---|
| Ditto, most powerful for hard stones (*Fig.* 810) . each | 5 | 10 | 0 |

* See footnote, next page.

## Lithotomy and Lithotrity Instruments, *continued.*

Fig. 811.

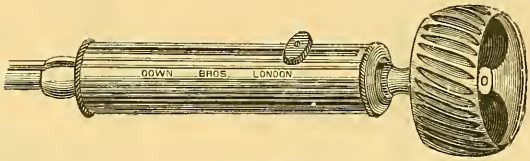



Fig. 812.

### Lithotrites, *continued*,—

*Figs.* 811 *and* 812 *represent the two forms of handles fitted to Thompson's Lithotrites. Fig.* 811 *is the model usually supplied, unless otherwise specified.*

"*It has occurred to me, during the operation of lithotrity, that, having with much patience seized a fragment of stone, I have again lost it in the attempt to lock the instrument, the morsel being of such size that the threads of the screw would not bite. An inspection of most old lithotrites will show that this must be no uncommon accident, as it will be seen that the edges of the male screw are burred from the force used to make it lock; and although, theoretically, it would appear impossible to remedy this defect, as a fresh catch would be necessary at every point of the screw, practically such perfection is needless, and the instrument* (*which has been ably made from my design by Messrs. Down Brothers, of St. Thomas's Street*) *answers sufficiently well. Its novelty consists in two locks, so set that whenever the crests of the female screw of the first impinge directly on the crests of the male screw, the second lock can be brought into play by moving up the catch with the thumb without altering the position of the operator's hands. By this arrangement the pitch of a screw like this of fourteen threads to the inch is reduced to one of twenty-eight, and the chance of jerking away the stone is proportionately lessened; and, although the weight and length of the handle are increased, I consider that no disadvantage, as it affords a firmer hand grasp.*—Alan Reeve Manby, East Rudham."—*Lancet*, July 18th, 1886.

## Lithotomy and Lithotrity Instruments, *continued.*

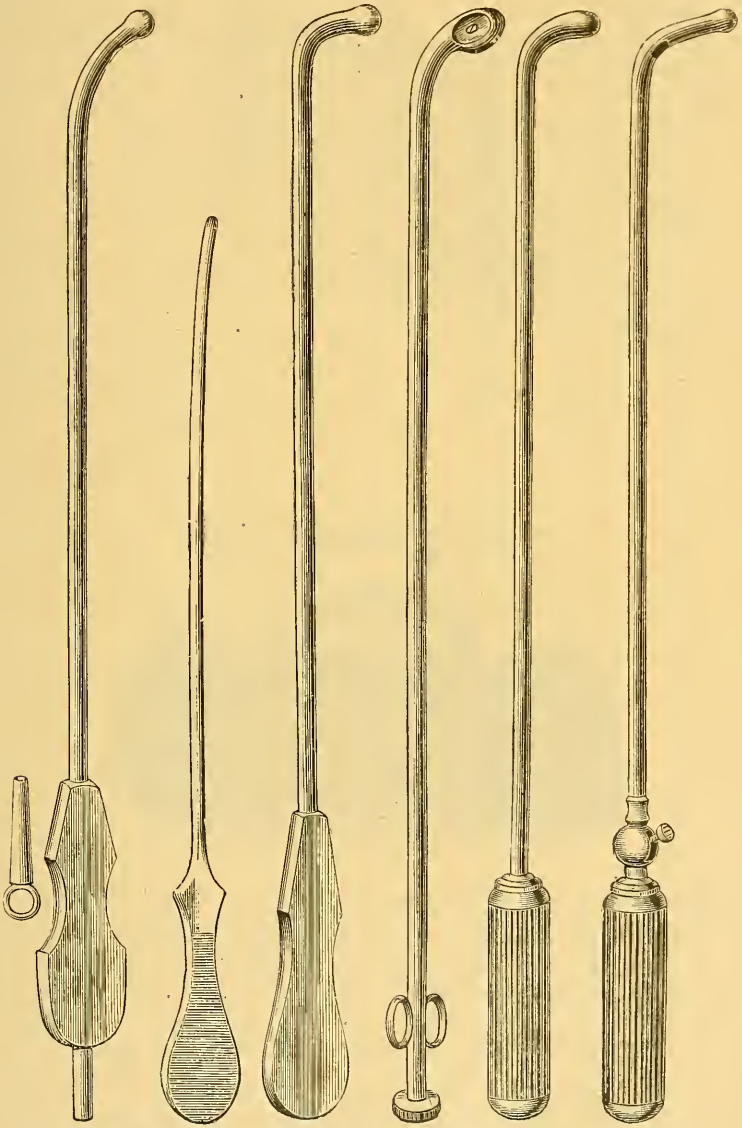


Fig. 813. Fig. 814. Fig. 815. Fig. 816. Fig. 817. Fig. 818.

## Lithotomy and Lithotrity Instruments, *continued.*

| Sounds,— | | £ | s. | d. |
|---|---|---|---|---|
| Clutton's | each | 0 | 7 | 6 |
| Erichsen's (*Fig.* 813) | „ | 0 | 10 | 6 |
| Female (*Fig.* 814) | „ | 0 | 2 | 6 |
| MacCormac's | „ | 0 | 7 | 6 |
| Mercier's, bulbous (*Fig.* 815) | „ | 0 | 7 | 6 |
| Ditto, hollowed on both sides, to bring larger surface in contact with stones (*Fig.* 816) | each | 0 | 7 | 6 |
| Teevan's (*Fig.* 817) | „ | 0 | 7 | 6 |
| Thompson's, bulbous | „ | 0 | 2 | 9 |
| Ditto, with barrel handle | „ | 0 | 7 | 6 |
| Ditto, hollow, graduated, for gauging size of stone | „ | 0 | 10 | 6 |
| Ditto, ditto, ditto, with stopcock (*Fig.* 818) | „ | 0 | 13 | 6 |
| Wagstaffe's, with barrel handle | „ | 0 | 7 | 6 |

## MIDWIFERY INSTRUMENTS.

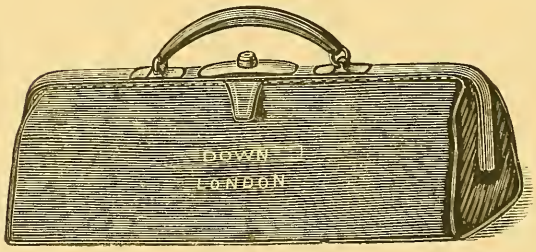



FIG. 819.

### Midwifery Bags and Pouches, without Instruments,—

| | | £ | s. | d. |
|---|---|---|---|---|
| The "G. P.," cowhide or morocco (*Fig.* 819) | each | 0 | 13 | 6 |
| Ditto, ditto, 1 inch longer, to take Cephalotribe | „ | 0 | 15 | 0 |
| Ditto, ditto, extra deep | „ | 0 | 17 | 6 |
| Ditto, ditto, 1 inch longer | „ | 0 | 19 | 6 |
| Ditto, ditto, with extra loops, etc., as per No. 4 Set, | each | 1 | 2 | 6 |
| Barnes' Midwifery Bag, morocco (*Fig.* 820) | „ | 3 | 3 | 0 |
| Pouches, with strap and buckle (as for No. 1 Set) | „ | 0 | 10 | 6 |
| Ditto, to hold pair Midwifery Forceps only | „ | 0 | 7 | 6 |

## Midwifery Instruments, *continued.*

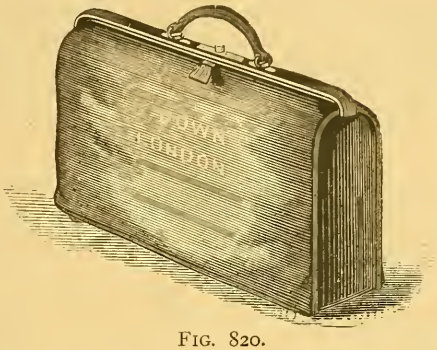



Fig. 820.

**Midwifery Bags and Pouches, fitted,—** £ s. d.

**No. 1.**—Pouch containing Barnes' Long Forceps, Craniotomy Forceps, Perforator, Blunt Hook and Crotchet, Elastic Gum Catheter, and Frænum Scissors . . . . . 3 1 0

*Nickel plated, 7s. 9d. extra.*

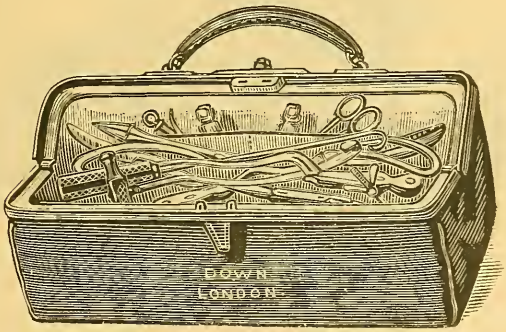



Fig. 821.

**No. 2.**—The "G.P.," containing Barnes' Long Forceps, Craniotomy Forceps, Denman's Perforator, Blunt Hook and Crotchet, Frænum Scissors, Elastic Female Catheter with silver stopcock, 3 Stoppered Bottles, and Spring-top Drop Bottle (*Fig.* 821) 3 15 6

*Nickel plated, 7s. 9d. extra.*

**No. 3.**—The "G.P.," extra size, containing Barnes' Long Forceps, Craniotomy Forceps, Denman's Perforator, Blunt Hook and Crotchet, Frænum Scissors, Set Barnes' Improved Pattern Hydrostatic Dilators

## Midwifery Instruments, *continued.*

**Midwifery Bags and Pouches, Etc.**, *continued*,— £ s. d.

and Syringe for injecting perchloride of iron, Skinner's Chloroform Mask and Spring-top Drop Bottle, Elastic Female Catheter with silver stopcock, and 3 Stoppered Bottles . . . . 5 4 6

*Nickel plated, 7s. 9d. extra.*

**No. 4.**—The "G.P.," extra size, containing Barnes' Long Forceps with Simpson's handles, Craniotomy Forceps, Denman's Perforator, Blunt Hook and Crotchet, Frænum Scissors, Set Barnes' Improved pattern Hydrostatic Dilators and Syringe for injecting perchloride of iron, Skinner's Chloroform Mask, Spring-top Drop Bottle, Elastic Female Catheter with silver stopcock, 4 Stoppered Bottles in boxwood cases, and Pot for vaseline in boxwood case . . . . . 5 15 6

*Nickel plated, 7s. 9d. extra.*

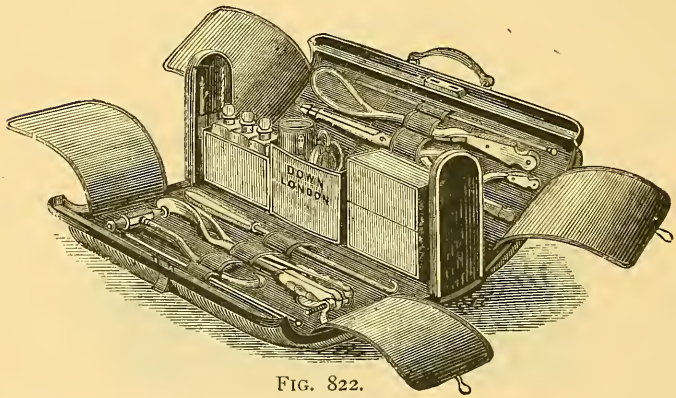



Fig. 822.

**No. 5.**—Barnes' Midwifery Bag, containing Barnes' Long Forceps, Barnes' Craniotomy Forceps, Blunt Hook, Crotchet, Holmes' Perforator, Quill for puncturing membrane, Set Barnes' Hydrostatic Dilators and Syringe for injecting perchloride of iron, Skinner's Chloroform Mask, Spring-top Drop Bottle, Elastic Catheter, Frænum Scissors, and 6 Stoppered Bottles (*Fig.* 822) . . . . . 8 15 0

*Nickel plated, 10s. 6d. extra.*

Useful Additions: Cephalotribe, Needle for Ruptured Perineum.

## Midwifery Instruments, *continued.*

| Pocket Midwifery Cases,— | £ | s. | d. |
|---|---|---|---|
| **No. 1.**—Containing 3 Corked Bottles, with ivory tops, Minim Measure, Elastic Gum Female Catheter, with silver stopcock and Frænum Scissors . each | 0 | 12 | 6 |
| **No. 2.**—Containing 3 Cut Stoppered Bottles, Minim Measure, Elastic Female Catheter, with silver stopcock and Frænum Scissors . . . . each | 0 | 16 | 6 |
| **No. 3.**—Containing 3 Cut Stoppered Bottles, Minim Measure, silver Sliding Female Catheter, Blundell's silver Trachea Tube, and Frænum Scissors . each | 1 | 3 | 0 |

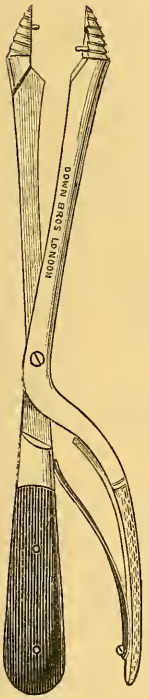



Fig. 823.

Fig. 824.

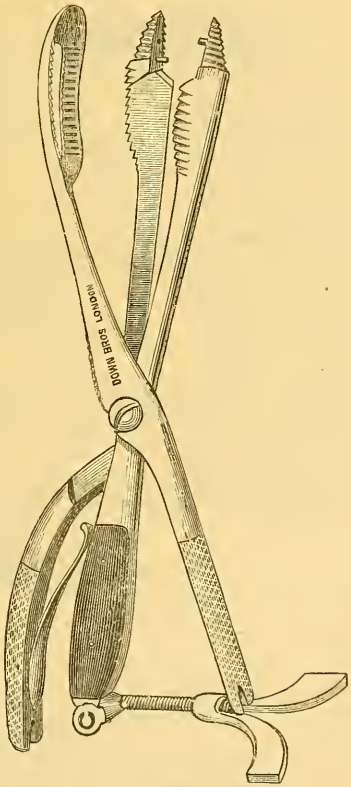



Fig. 825.

| | | | |
|---|---|---|---|
| **Basilyst,** Simpson's (*Fig.* 823) . . . . each | 1 | 10 | 0 |
| Ditto, with cutting blade (*Fig.* 824) . . . „ | 1 | 10 | 0 |

*Nickel plated, 2s. extra.*

## Midwifery Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Basilyst**, Simpson's, with Tractor (*Fig.* 825). . each | 3 | 3 | 0 |
| *Nickel plated, 3s. extra.* | | | |

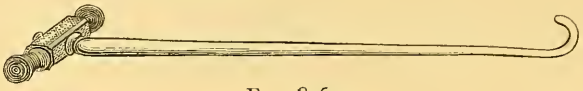


Fig. 826.

| | | | |
|---|---|---|---|
| **Blunt Hook**, with ebony handle . . . . each | 0 | 4 | 6 |
| Ditto, with ebony cross handle (*Fig.* 826) . „ | 0 | 7 | 6 |

Fig. 827.

| | | | |
|---|---|---|---|
| Barnes' (*Fig.* 827) . . . . . each | 0 | 4 | 6 |
| Braxton Hicks', German silver, capable of being bent, as Fig. 826 . . . . . each | 0 | 8 | 6 |

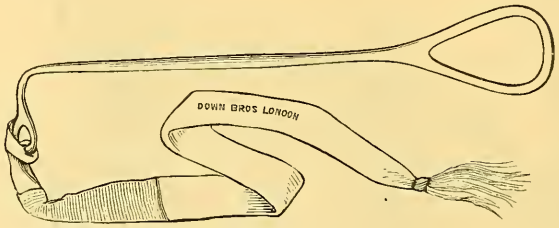



Fig. 828.

| | | | |
|---|---|---|---|
| Lazerovitch's, with tape (*Fig.* 828) . . . each | 0 | 6 | 6 |

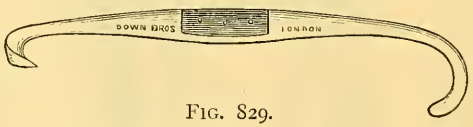



Fig. 829.

| | | | |
|---|---|---|---|
| With crotchet (*Fig.* 829) . . . . . each | 0 | 3 | 6 |
| *Nickel plated, 1s. each extra.* | | | |
| With crotchet and cross handle . . . . „ | 0 | 10 | 0 |
| Ditto, ditto, and extra Blunt Hook . . . „ | 0 | 13 | 0 |
| *Nickel plated, 2s. each extra.* | | | |
| **Carbolic Soap**, Calvert's, for washing the hands, etc., per doz. tablets | 0 | 1 | 6 |

## Midwifery Instruments, *continued.*

Fig. 830.

| Catheters, Female,— | | £ | s. | d. |
|---|---|---|---|---|
| Celluloid (*Fig.* 830) . . . . . | per doz. | 0 | 12 | 0 |
| Elastic Gum, double web . . . . . | „ | 0 | 7 | 6 |

Fig. 831.

Ditto, ditto, with silver stopcock (*Fig.* 831) . each 0 4 6

Fig. 832.

Plated, telescopic, with stopcock (*Fig.* 832) . . each 0 3 9
Silver, plain . . . . . „ 0 5 6

Fig. 833.

Ditto, telescopic (*Fig.* 833) . . . . each 0 6 6
Ditto, ditto, with stopcock . . . . „ 0 7 6

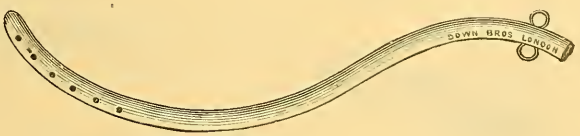



Fig. 834.

Sims' Sigmoid, silver (*Fig.* 834) . . . . each 0 6 6
Ditto, vulcanite . . . . . „ 0 3 6

## Midwifery Instruments, *continued.*

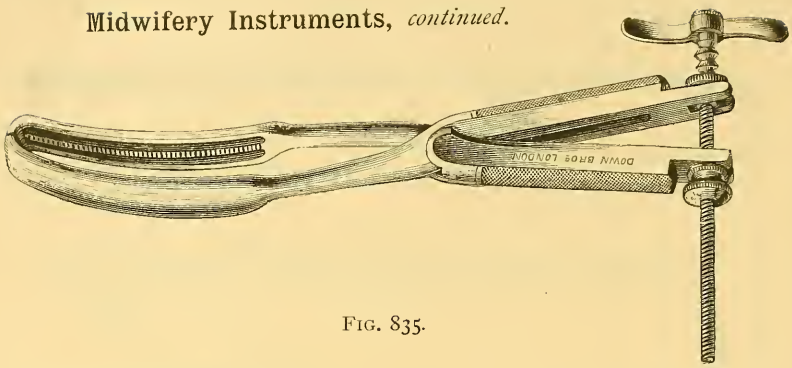



FIG. 835.

| | £ | s. | d. |
|---|---|---|---|
| **Cephalotribes,—** | | | |
| Braxton Hicks' (*Fig.* 835) . . . . . each | 2 | 2 | 0 |

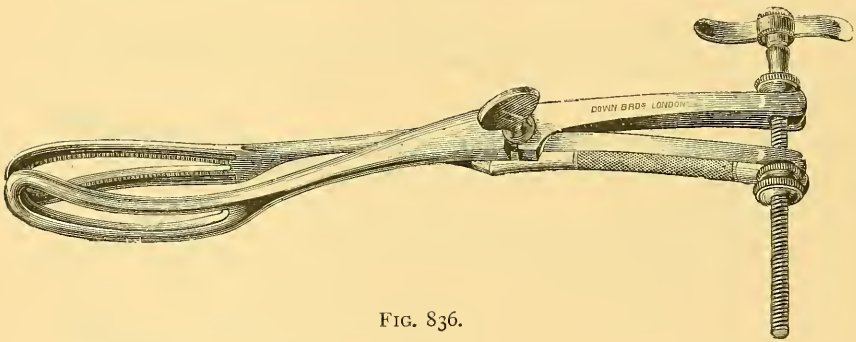



FIG. 836.

| | | | |
|---|---|---|---|
| Fancourt Barnes' (*Fig.* 836) . . . . each | 2 | 5 | 0 |
| Kidd's . . . . . „ | 1 | 7 | 0 |
| Simpson's . . . . . „ | 2 | 12 | 0 |

*Nickel plated, 3s. each extra.*

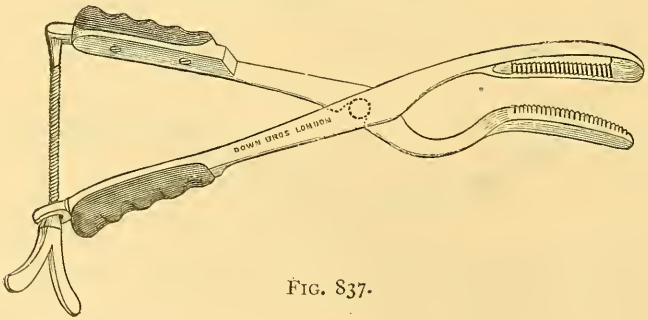



FIG. 837.

## Midwifery Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| Craniotomy Forceps,— | | | |
| Barnes' (*Fig.* 837) . . . . . each | 1 | 8 | 0 |

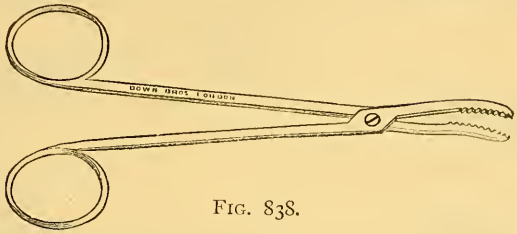



Fig. 838.

| | | | |
|---|---|---|---|
| Churchill's (*Fig.* 838) . . . . . each | 0 | 7 | 0 |
| Conquest's . . . . . „ | 1 | 1 | 0 |

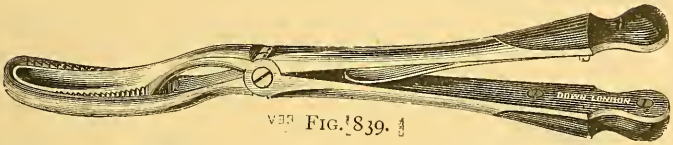



Fig. 839.

| | | | |
|---|---|---|---|
| Gervis' (*Fig.* 839) . . . . . each | 1 | 1 | 0 |
| Godson's . . . . . „ | 0 | 8 | 6 |

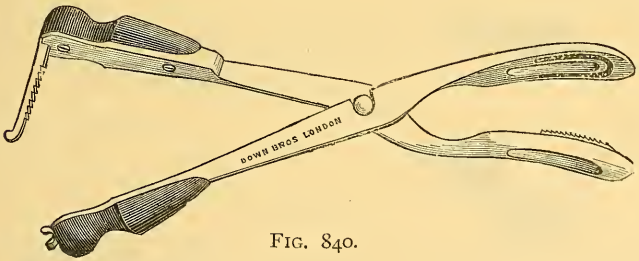



Fig. 840.

| | | | |
|---|---|---|---|
| Hall Davis's (*Fig.* 840) . . . . . each | 1 | 8 | 0 |

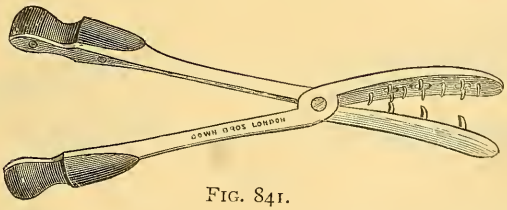



Fig. 841.

| | | | |
|---|---|---|---|
| Holmes' (*Fig.* 841) . . . . . each | 1 | 1 | 0 |

## Midwifery Instruments, *continued.*

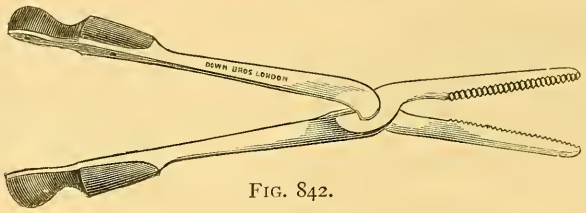



Fig. 842.

| Craniotomy Forceps, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Lee's (*Fig.* 842) . . . . . each | 0 | 19 | 0 |

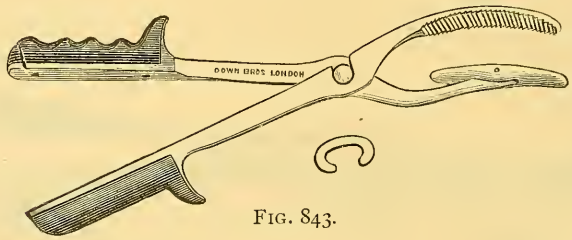



Fig. 843.

| | | | |
|---|---|---|---|
| Matthews' (*Fig.* 843) . . . . . each | 1 | 8 | 0 |

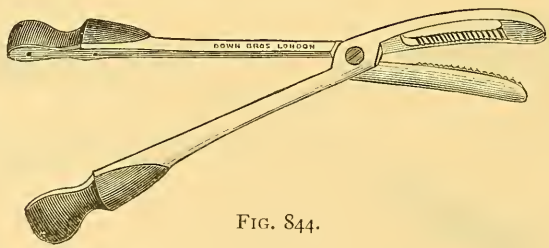



Fig. 844.

| | | | |
|---|---|---|---|
| Murphy's (*Fig.* 844) . . . . . each | 0 | 19 | 0 |
| Priestley's . . . . . „ | 1 | 2 | 0 |

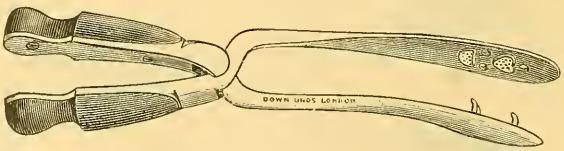



Fig. 845.

| | | | |
|---|---|---|---|
| Ramsbotham's (*Fig.* 845) . . . . . each | 0 | 19 | 6 |
| Roper's . . . . . „ | 2 | 5 | 0 |

## Midwifery Instruments, *continued.*

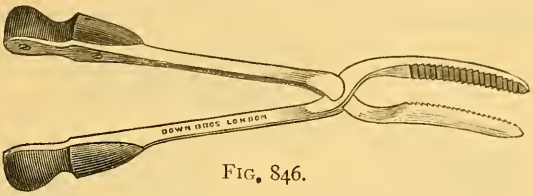



FIG. 846.

**Craniotomy Forceps,** *continued.*— £ *s. d.*

Simpson's (*Fig.* 846) . . . . . each 0 19 6

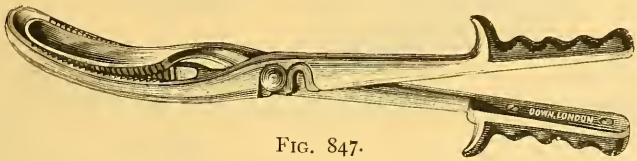



FIG. 847.

Ditto, improved (*Fig.* 847) . . . . each 1 1 0

Waller's . . . . . „ 1 1 6

*Nickel plated, 2s. each extra.*

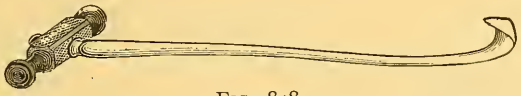


FIG. 848.

**Crotchet,** ebony handle . . . . . each 0 5 6

Ditto, ebony cross handle (*Fig.* 848) . . „ 0 7 6

*Nickel plated, 1s. each extra.*

Davis's, guarded . . . . . „ 0 18 6

*Nickel plated, 2s. each extra.*

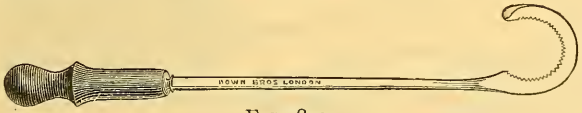



FIG. 849.

**Decapitators,—**

Lever's (*Fig.* 849) . . . . . each 0 6 6

FIG. 850.

Ramsbotham's (*Fig.* 850) . . . . . each 0 6 6

*Nickel plated, 1s. 6d. each extra.*

| Midwifery Instruments, *continued.* | £ | s. | d. |
|---|---|---|---|
| **Embriotomy Scissors** . . . . . each | 1 | 1 | 0 |

Fig. 851.

| | | | |
|---|---|---|---|
| **Fillets,** whalebone (*Fig.* 851) . . . . each | 0 | 5 | 3 |
| Willmott's . . . . . „ | 0 | 7 | 6 |

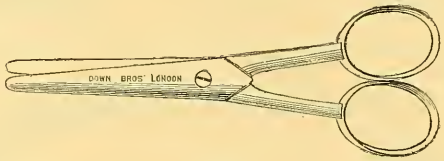



Fig. 852.

| | | | |
|---|---|---|---|
| **Frænum Scissors** (*Fig.* 852) . . . . each | 0 | 1 | 9 |
| **Funis Instrument,** Robertson's . . . . „ | 0 | 3 | 0 |
| Martin's . . . . . „ | 0 | 4 | 6 |

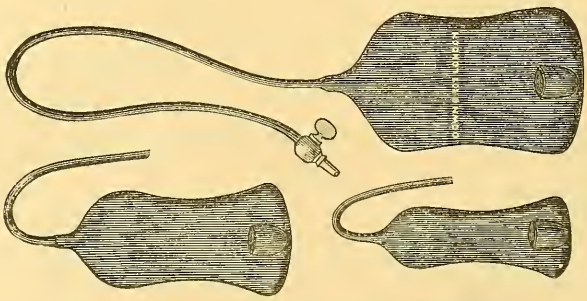


Fig. 853.

| | | | |
|---|---|---|---|
| **Hydrostatic Dilators,—** | | | |
| Barnes', the set of 3 (*Fig.* 853), with stopcocks and syringe . . . . . | 0 | 14 | 6 |

## Midwifery Instruments, *continued.*

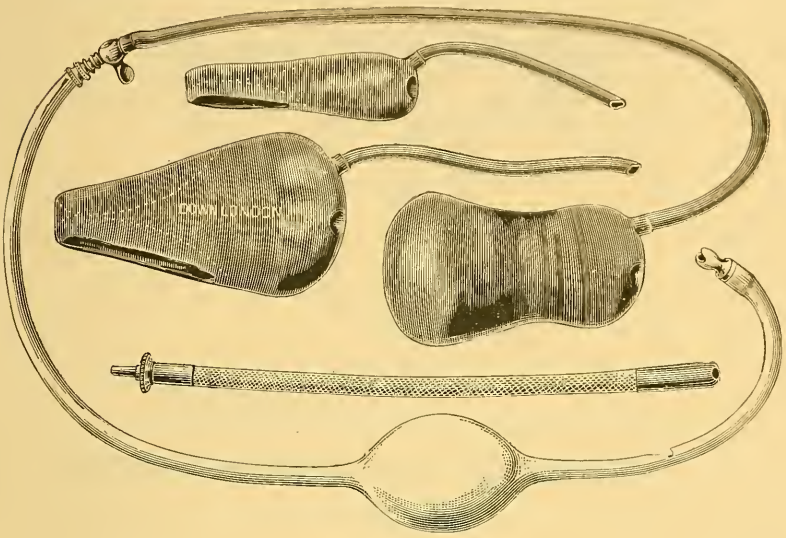


Fig. 854.

| | £ | s. | d. |
|---|---|---|---|
| **Hydrostatic Dilators,** *continued,*— | | | |
| Barnes', the set of 3, with stopcocks, syringe, and bottle . . . . . in case | 1 | 2 | 6 |
| Ditto, improved, the set of 3, with stopcocks and syringe (*Fig.* 854) . . . . . | 0 | 17 | 6 |
| Ditto, ditto, ditto, with bottle, in case . . . | 1 | 5 | 6 |

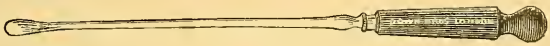


Fig. 855.

Introducer, Barnes', for use with above (*Fig.* 855), each 0 6 6

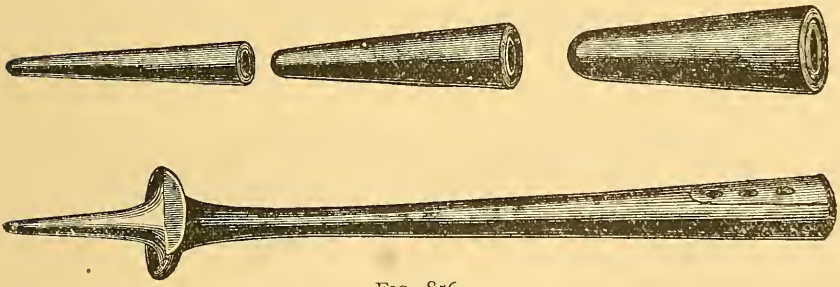


Fig. 856.

**Lawson Tait's Dilators** (*Figs.* 856 *and* 857), per set 0 6 9

## Midwifery Instruments, *continued.*

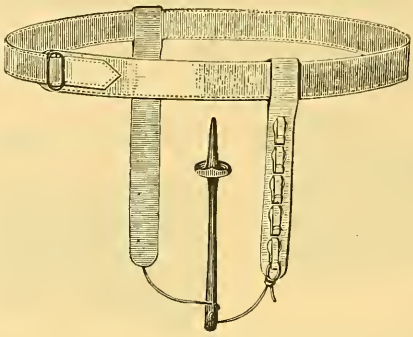


FIG. 857.

FIG. 858.

**Instruments for Inducing Premature Labour,—** £ *s. d.*

Celluloid Bougie, as recommended by Dr. Galabin (*Fig.* 858) . . . . . each 0 2 0

FIG. 859.

Lee's Canula (*Fig.* 859) . . . . . each 0 13 6

Porcupine Quills . . each, 2*s.*; with silver tips 0 3 6

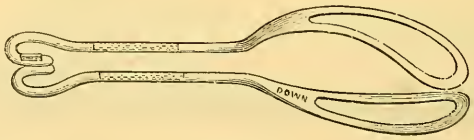



FIG. 860.

**Midwifery Forceps,—**

Assilini's (*Fig.* 860) . . . . . each 0 14 0

## Midwifery Instruments, *continued.*

Fig. 861.

| Midwifery Forceps, *continued,*— | £ | s. | d. |
|---|---|---|---|
| Aveling's (*Fig.* 861) . . . . . each | 1 | 1 | 0 |
| Ditto, short . . . . . ,, | 0 | 14 | 0 |

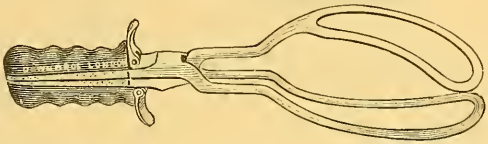


Fig. 862.

| | | | |
|---|---|---|---|
| Barclay's (*Fig.* 862) . . . . . each | 1 | 2 | 0 |

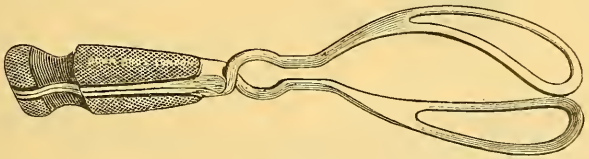


Fig. 863.

| | | | |
|---|---|---|---|
| Barnes' (*Fig.* 863) . . . . . each | 0 | 16 | 0 |

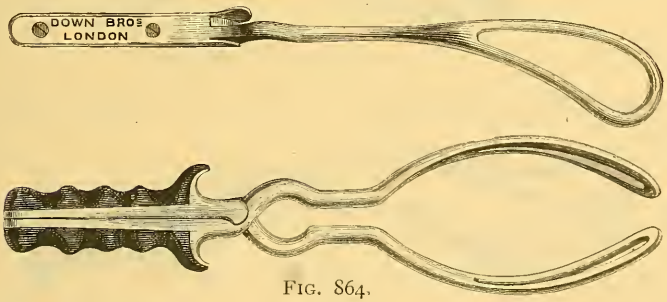



Fig. 864.

| | | | |
|---|---|---|---|
| Ditto, with Simpson's handles (recommended by Dr. Galabin) (*Fig.* 864) . . . . each | 1 | 0 | 0 |

## Midwifery Instruments, *continued.*

| Midwifery Forceps, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Barnes', with Simpson's handles, Dr. Cameron's, of Montreal . . . . . each | 1 | 0 | 0 |
| Ditto, ditto, extra long . . . . . „ | 1 | 0 | 0 |

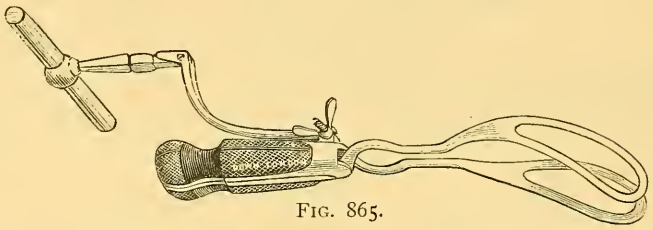


Fig. 865.

| | | | |
|---|---|---|---|
| Ditto, with Neville's arrangement for Axis Traction (*Fig.* 865) . . . . . each | 2 | 2 | 0 |
| Braithwaite's . . . . . „ | 0 | 16 | 0 |
| Braxton Hicks', long . . . . . „ | 0 | 18 | 0 |
| Ditto, short . . . . . „ | 0 | 16 | 0 |

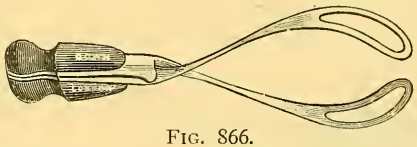


Fig. 866.

| | | | |
|---|---|---|---|
| Churchill's (*Fig.* 866) . . . . . each | 0 | 14 | 0 |
| Ditto, improved handles . . . . . „ | 0 | 16 | 0 |
| Clarke's, short . . . . . „ | 0 | 12 | 6 |

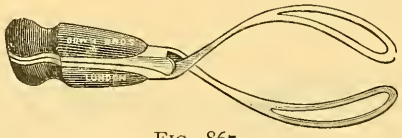


Fig. 867.

| | | | |
|---|---|---|---|
| Denman's, short (*Fig.* 867) . . . . . each | 0 | 13 | 0 |

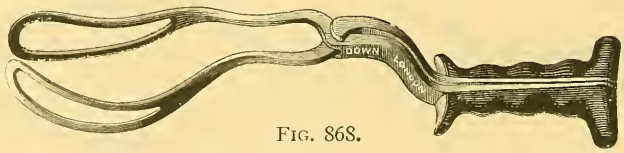


Fig. 868.

| | | | |
|---|---|---|---|
| Galabin's Axis Traction (*Fig.* 868) . . . each | 1 | 7 | 0 |
| Greenhalgh's . . . . . „ | 0 | 13 | 6 |

## Midwifery Instruments, *continued.*

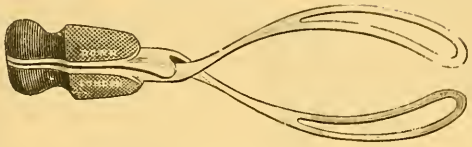


Fig. 869.

**Midwifery Forceps,** *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Hewitt's (*Fig.* 869) . . . . . each | 0 | 14 | 0 |

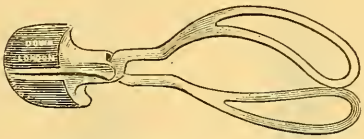


Fig. 870.

| | | | |
|---|---|---|---|
| Inglis' (*Fig.* 870) . . . . . each | 0 | 19 | 0 |
| Lee's . . . . . „ | 0 | 15 | 0 |

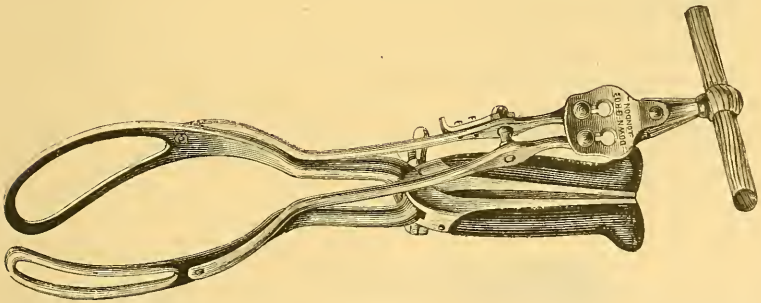


Fig. 871.

Milne Murray's Axis Traction (*Fig.* 871) . . each 2 7 6

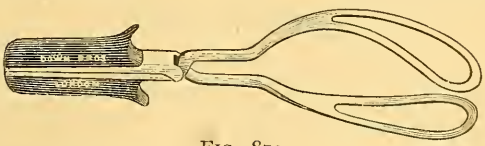


Fig. 872.

| | | | |
|---|---|---|---|
| Oldham's (*Fig.* 872) . . . . . each | 0 | 19 | 0 |
| Priestley's . . . . . „ | 0 | 19 | 0 |

## Midwifery Instruments, *continued.*

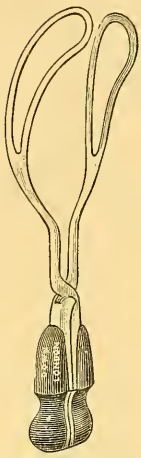


Fig. 873.

Fig. 874.

Fig. 875.

Fig. 876.

| **Midwifery Forceps,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Ramsbotham's (*Fig.* 873) . . . . . each | 0 | 14 | 0 |
| Simpson's, long (*Fig.* 874) . . . . . ,, | 0 | 19 | 0 |
| Ditto, short (*Fig.* 875) . . . . . ,, | 0 | 13 | 6 |
| Ditto, ditto, with long handles . . . . ,, | 0 | 14 | 0 |
| Ditto, Axis Traction . . . . . ,, | 2 | 2 | 0 |
| Tarnier's Axis Traction, original model . . ,, | 3 | 3 | 0 |
| Ditto, ditto, latest ditto . . . . . ,, | 3 | 10 | 0 |
| Vacher's (*Fig.* 876) . . . . . ,, | 1 | 4 | 0 |

Fig. 877.

Ziegler's (*Fig.* 877) . . . . . each 0 15 6

*Nickel plated, 2s. each extra.*

Fig. 878.

**Needles** for ruptured perineum, in handle (*Fig.* 878) each 0 2 0

## Midwifery Instruments, *continued.*

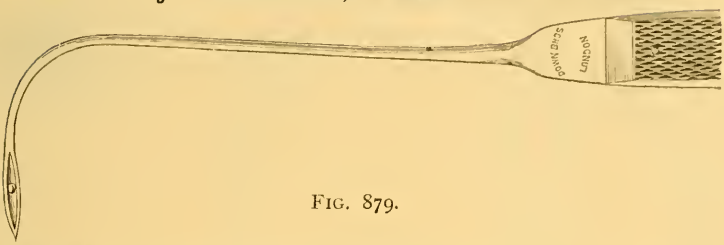



Fig. 879.

| **Needles**, for ruptured perineum *continued*,— | £ | s. | d. |
|---|---|---|---|
| Ditto, as used at General Lying-in Hospital (*Fig.* 879), 2 sizes . . . . . each | 0 | 4 | 6 |

Fig. 880.

| | | | |
|---|---|---|---|
| Ditto, Baldwin's (*Fig.* 880), suggested by Dr. Baldwin, of Rotherham . . . . . each | 0 | 6 | 6 |

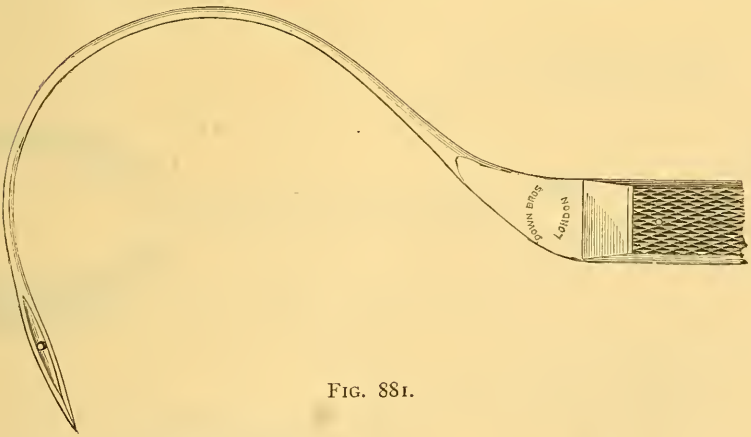



Fig. 881.

| | | | |
|---|---|---|---|
| Ditto, Croft's (*Fig.* 881), 3 sizes . . . each | 0 | 5 | 6 |
| Ditto, ditto . . . . set of 3, in case | 1 | 2 | 6 |

## Midwifery Instruments, *continued.*

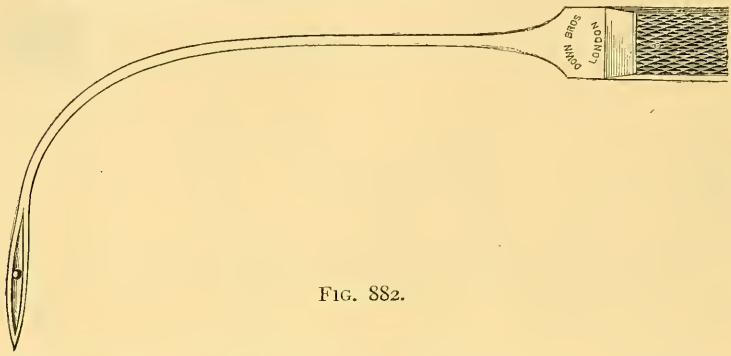



FIG. 882.

| | £ | s. | d. |
|---|---|---|---|
| **Needles** for ruptured perineum, *continued*,— | | | |
| Ditto, Wyman's (*Fig.* 882), suggested by Dr. Wyman, of Putney . . . . . each | 0 | 5 | 6 |
| Cases to hold 1 needle . . . . . ,, | 0 | 3 | 6 |
| Suture Quills, ivory . . . . . ,, | 0 | 1 | 6 |
| **Osteotomist**, Davis's . . . . . ,, | 1 | 1 | 0 |

*Nickel plated, 2s. extra.*

FIG. 883.

| | | | |
|---|---|---|---|
| **Ovum Forceps**,— | | | |
| Bow handles (*Fig.* 883) . . . . . each | 0 | 8 | 6 |

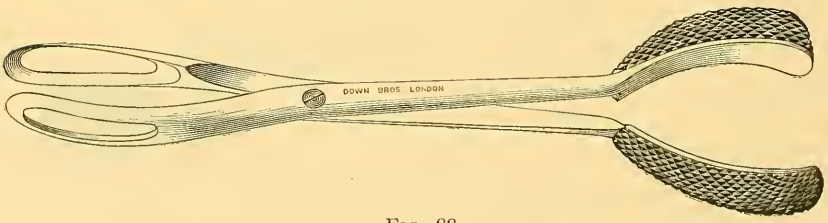



FIG. 884.

| | | | |
|---|---|---|---|
| Ebony handles, strong (*Fig.* 884) . . . each | 0 | 13 | 0 |
| Galabin's (*Fig.* 885) . . . . . ,, | 0 | 10 | 6 |
| Gervis', also used for introducing Barnes' Bags (*Fig.* 886) . . . . . each | 0 | 10 | 6 |
| Hicks', with solid blade . . . . . ,, | 0 | 13 | 6 |

## Midwifery Instruments, *continued.*

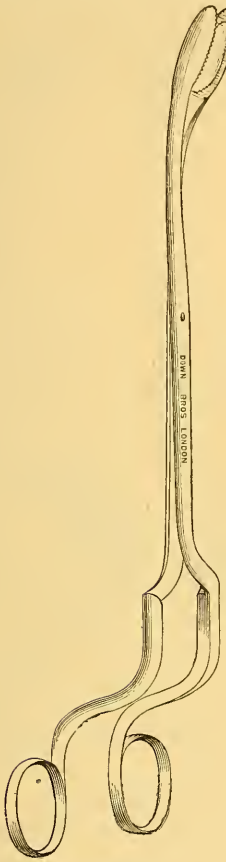



Fig. 885.

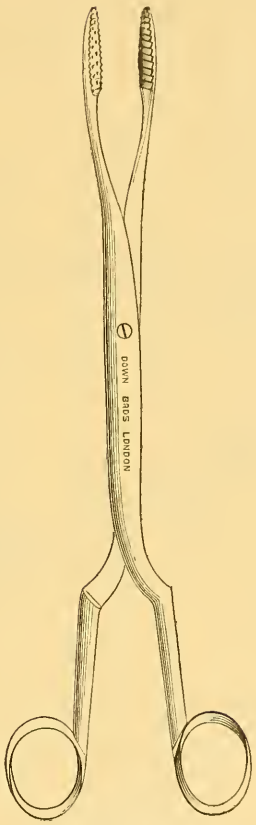



Fig. 886.

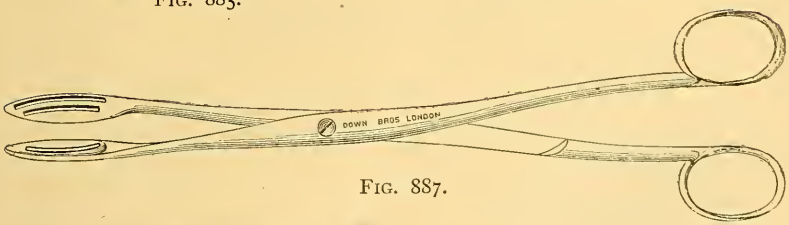



Fig. 887.

| **Ovum Forceps,** *continued,*— | | £ | *s.* | *d.* |
|---|---|---|---|---|
| Heywood Smith's (*Fig.* 887) . . . . | each | 0 | 12 | 6 |
| Lloyd Roberts', cross-action . . . . | „ | 0 | 15 | 0 |

## Midwifery Instruments, *continued.*

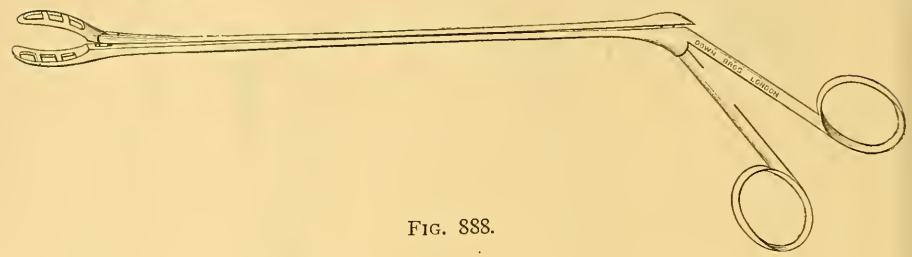



FIG. 888.

| | £ | s. | d. |
|---|---|---|---|
| **Ovum Forceps,** *continued,*— | | | |
| Lloyd Roberts', with lever joint (*Fig.* 888) . . each | 0 | 18 | 6 |
| McClintock's . . . . . „ | 0 | 13 | 0 |

*Nickel plated, 2s. each extra.*

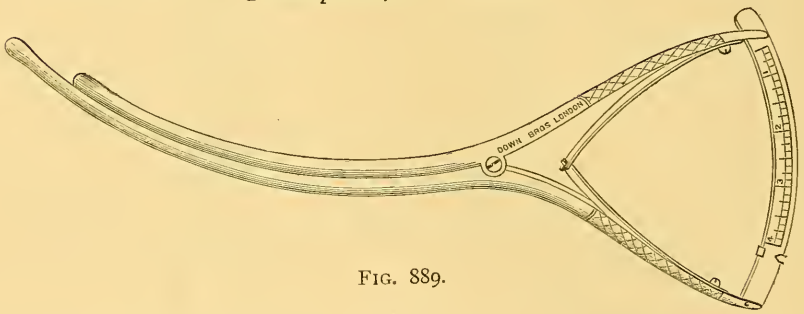



FIG. 889.

**Pelvimeters,** Lumley Earle's (*Fig.* 889) . . each 0 13 0

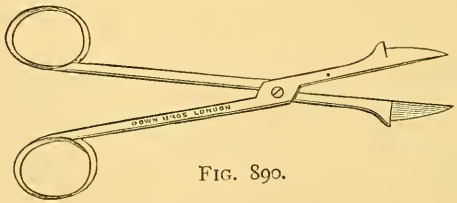



FIG. 890.

| | | | |
|---|---|---|---|
| **Perforators,**— | | | |
| Denman's (*Fig.* 890) . . . . . each | 0 | 5 | 6 |
| Greenhalgh's (*Fig.* 891) . . . . . „ | 1 | 4 | 0 |
| Holmes' (*Fig.* 892) . . . . . „ | 0 | 17 | 0 |
| Oldham's (*Fig.* 893) . . . . . „ | 0 | 15 | 0 |
| Rigby's (*Fig.* 894) . . . . . „ | 0 | 10 | 0 |

## Midwifery Instruments, *continued.*

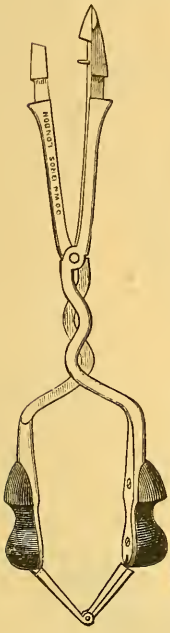



Fig. 891.

Fig. 892.

Fig. 893.

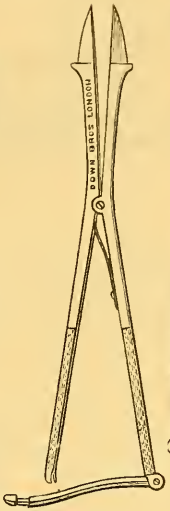



Fig. 894.

Fig. 895.

**Perforators,** *continued,*— £ *s. d.*

Simpson's, straight or curved points (*Fig.* 895) . each 1 0 0

*Nickel plated, 2s. each extra.*

Fig. 896.

**Spine Hooks,** Oldham's (*Fig.* 896) . . . each 0 5 6

*Nickel plated, 1s. each extra.*

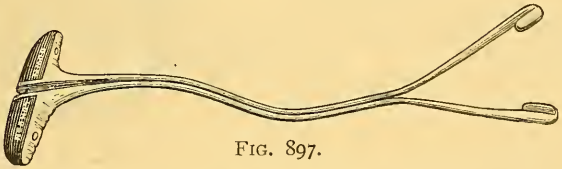


Fig. 897.

**Tractors,** Duke's, for use with ordinary Midwifery Forceps, to apply traction in the axis of the pelvis, per pair 0 8 6

Ditto, Morgan's (*Fig.* 897) . . . . „ 0 12 6

*Nickel plated, 1s. 6d. per pair extra.*

## Midwifery Instruments, *continued.*

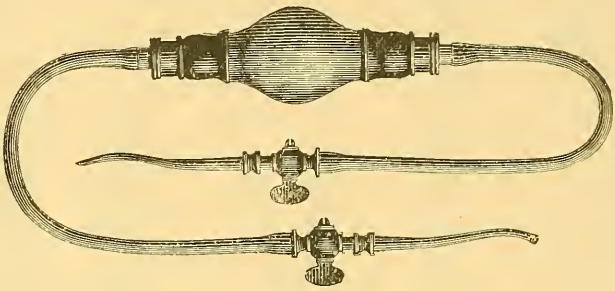


Fig. 898.

| Transfusion Apparatus,— | | £ | s. | d. |
|---|---|---|---|---|
| Aveling's (*Fig.* 898) . . . . . | in case | 1 | 12 | 0 |
| Braxton Hicks' . . . . . | „ | 3 | 0 | 0 |

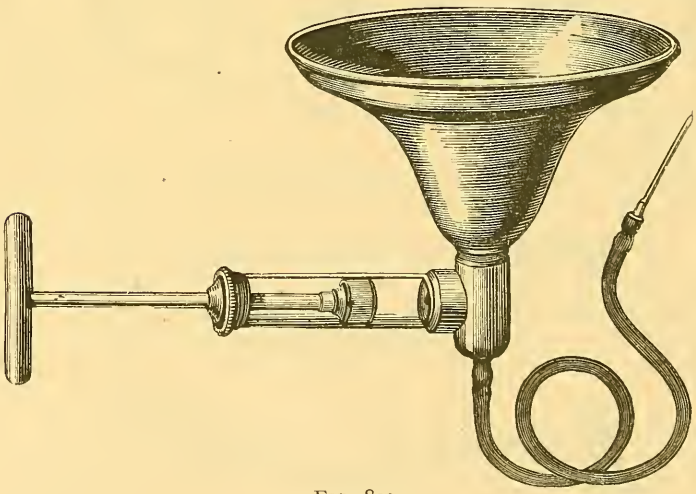


Fig. 899.

| | | | | |
|---|---|---|---|---|
| Collins' (*Fig.* 899) . . . . . | in case | 1 | 10 | 0 |

## Midwifery Instruments, *continued.*

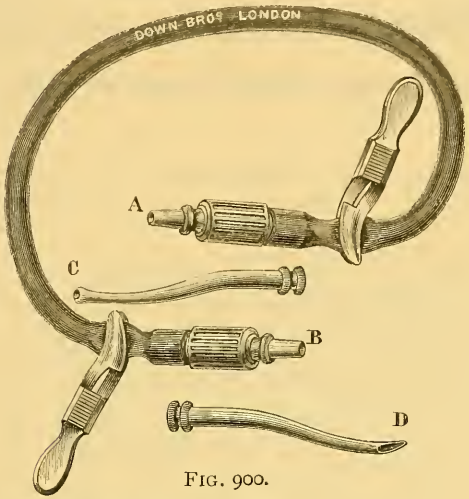



Fig. 900.

| Transfusion Apparatus, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Galabin's (*Fig.* 900) . . . each, 18*s.*; in case | 1 | 2 | 6 |
| Gervis' . . . . . „ | 1 | 15 | 0 |

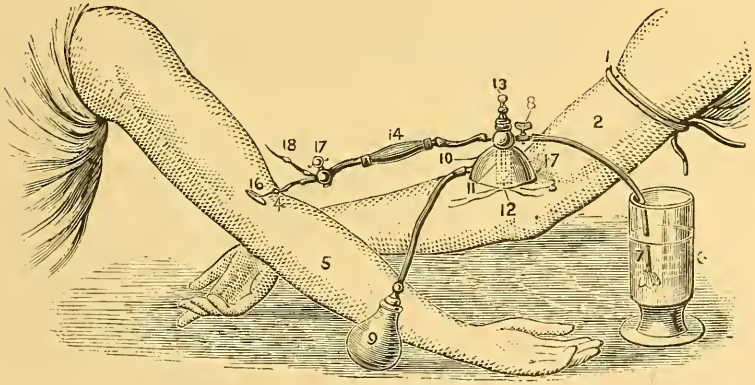



Fig. 901.

| | | | |
|---|---|---|---|
| Roussell's (*Fig.* 901) . . . . . in case | 5 | 5 | 0 |
| **Vectis,**— | | | |
| Lever's . . . . . each | 0 | 8 | 0 |
| Lownde's, folding . . . . . „ | 0 | 10 | 0 |
| Symond's . . . . . „ | 0 | 7 | 0 |

*Nickel plated, 1s. 6d. each extra.*

## UTERINE AND VAGINAL INSTRUMENTS.

| Gynæcological Bags, without Instruments,— | £ | s. | a. |
|---|---|---|---|
| Barnes' or Greenhalgh's . . . . . each | 2 | 14 | 0 |

Gynæcological Bags, fitted,—

**No. 1.**—Barnes', containing 2 Fergusson's Specula, Straight Speculum Forceps, Simpson's Uterine Sound, Barnes' Whalebone Sound, Simpson's Metrotome, Küchenmeister's Scissors, Sims' Fine Hook, Ecraseur, Barnes' Caustic Probe, Ointment Introducer, Introducer for Sulphate of Zinc Points, Scarifier, Intra-Uterine Injector, Sponge Probang, Glass Rod for Nitric Acid, Glass Brush for Acid, Skinner's Inhaler, Needles, Needle-holding Forceps, Catheter, Vaginal Syringe, Sponge and Laminaria Tents, 2 Intra-Uterine Stems, Cotton Wool, Lint, String, Silk, 3 Hodges' Pessaries, 2 Thomas's Pessaries, 1 Simpson's Galvanic, 1 Stem Pessary, 1 Air Pessary, 1 Sims' Vaginal Rest, and Barnes' Tent Introducer, complete . . . . . 13 17 6

**No. 2.**—Greenhalgh's, containing 2 Fergusson's Specula, Cusco's Speculum, Large and Small Uterine Sounds, 2 Scarifying Lancets, 2 Knives for Vesico-Vaginal Fistula, Priestley's Dilator, Speculum Forceps, Sponge Holder, Caustic Potass Holder, Caustic Holder with seamless silver cap, Sims' Hook, Sims' Double Screw, Sims' Curette, McClintock's Ovum Forceps, Greenhalgh's Metrotome, Curved Uterine Scissors, Bloxam's Drop Bottle, Silver Female Catheter, 4 Greenhalgh's Pessaries, 12 Sea Tangle Tents assorted, 12 Sponge Tents, Godson's Tent Introducer, 3 Greenhalgh's Perforated Vulcanite Stems and Introducer, 2 Chambers' Expanding Stems and Introducer, 4 Small Stoppered Bottles for Potassa Fusa, Argent Nit., etc., and 1 oz. Bottle for Glycerine; drawers for Cotton Wool, Medicated Pessaries, etc., complete 16 5 0

Portable Sets of Uterine Instruments,—

| | | | |
|---|---|---|---|
| Bennett's, consisting of Sponge Holder, Caustic Holder, and Scarifying Knife (*Fig.* 902), in case . . | 1 | 5 | 0 |
| Ditto, ditto, to unscrew in centre, in short case. . | 1 | 10 | 0 |

## Uterine and Vaginal Instruments, *continued.*

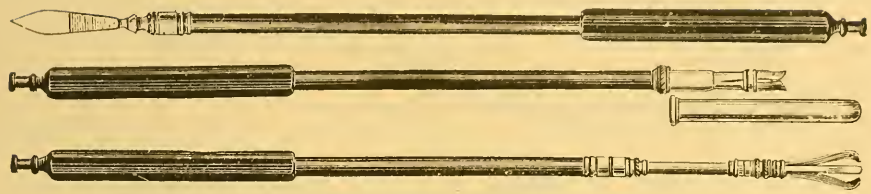


Fig. 902.

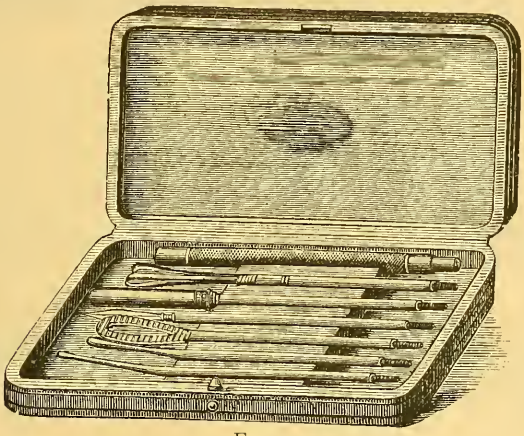


Fig. 903.

**Portable Sets of Uterine Instruments,** *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| New Portable Set, consisting of Uterine Sound, Sponge Holder, Caustic Holder, Scarifying Knife, Retractor, and Playfair's Probe, with 2 handles (*Fig.* 903) . | 2 | 2 | 0 |

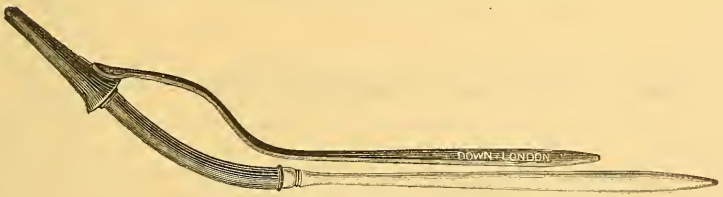



Fig. 904.

**Atthill's Canula,** for applying nitric acid to the Fundus, platinum . . . . . each 1 10 0

Ditto, ditto, vulcanite (*Fig.* 904) . . . . . „ 0 5 6

## Uterine and Vaginal Instruments, *continued.*

Fig. 905.

**Barnes' Caustic Probe**, with platinum end (*Fig.* 905), £ s. d.
each 0 7 6

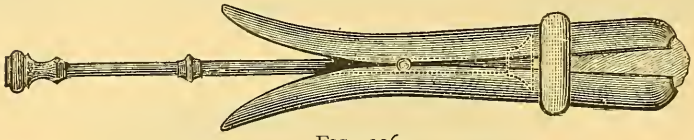


Fig 906.

**Barnes' "Glove Stretcher,"** for applying cotton wool tampons (*Fig.* 906) . . . . each 0 6 0

,, **Hydrostatic Dilators** (*see pages* 232 & 233).

Fig. 907.

Fig. 908.

**Barnes' Instrument** for applying ointment to the Cervical Canal (*Fig.* 907) . each 0 10 6

,, ,, for introducing sulphate of zinc points (*Fig.* 908) . . each 0 10 6

,, **Tube** for injecting Uterus . . . ,, 0 5 6

Fig. 909.

**Braun's Intra-Uterine Syringe** (*Fig.* 909), with Hoffman's pipe in addition,
each, 7*s.* 6*d.*; in case 0 10 6

,, **Roughened Glass Probes,** for applying nitric acid . . per set, 8*s.* 6*d.*; in case 0 12 6

## Uterine and Vaginal Instruments, *continued.*

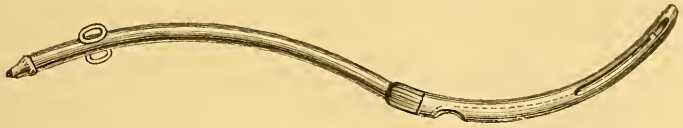


Fig. 910.

**Catheters and Tubes for washing out the Uterus,—**

| | £ | s. | d. |
|---|---|---|---|
| Bozemann's (*Fig.* 910) . . . . . each | 0 | 8 | 6 |

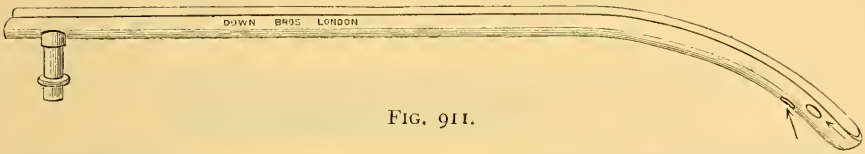



Fig. 911.

Budin's Celluloid Catheters (*Fig.* 911). . . each 0 7 6

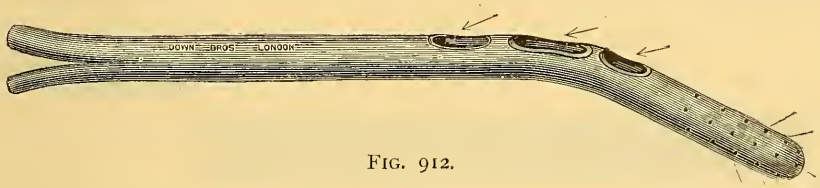



Fig. 912.

Duncan's, Dr. W. A., vulcanite, Double Channel Tube (*Fig.* 912) . . . . . each 0 12 6

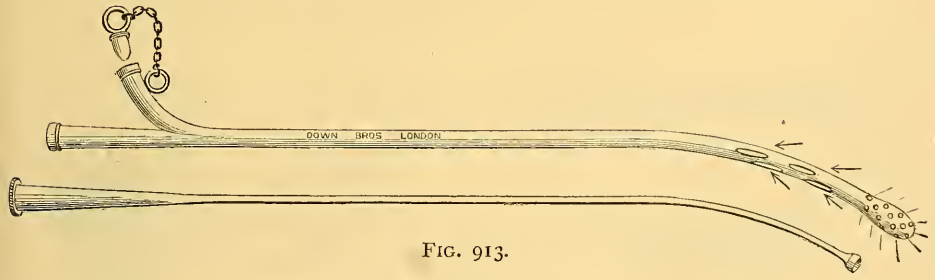



Fig. 913.

Ostlere's, silver, Double Channel Catheter (*Fig.* 913), each 1 11 6

## Uterine and Vaginal Instruments, *continued.*

| Catheters and Tubes, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Plain elastic-gum Tube . . . . . each | 0 | 2 | 0 |

*All the above are intended to use with an ordinary Higginson's Syringe or Uterine Douche.*

Fig. 914.

**Caustic Holder**, palladium quill and silver cap, long ebony handle (*Fig.* 914) . . . each 0 10 6

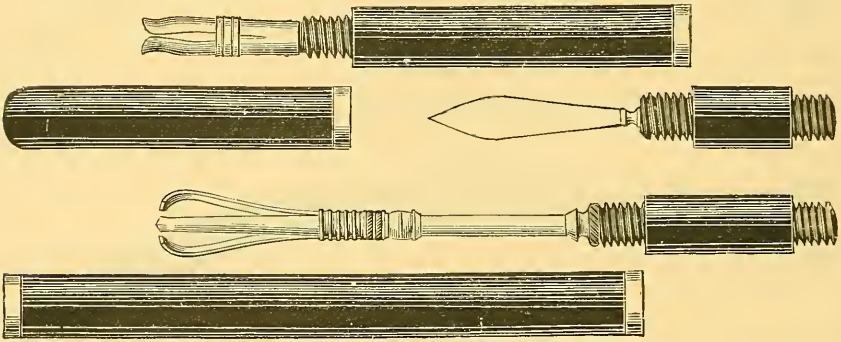


Fig. 915.

Ditto, silver gilt quill, combined with Scarifier and Sponge Holder (*Fig.* 915), each, ebony, 8*s.* 6*d.*; ivory 0 15 6

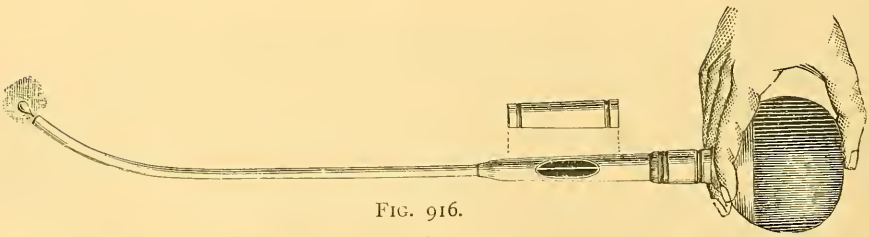


Fig. 916.

**Clay's Insufflator**, electro plated (*Fig.* 916) . each 1 0 0

## Uterine and Vaginal Instruments, *continued.*

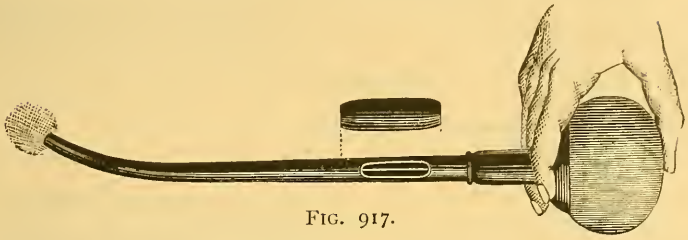


Fig. 917.

| | £ | s. | d. |
|---|---|---|---|
| **Clay's Insufflator,** *continued,*— | | | |
| Vulcanite (*Fig.* 917) . . . . . each | 0 | 11 | 6 |

**Kabierski's Insufflator** (*see page* 73).

Fig. 918.

**Corkscrew Probe,** for Cotton Wool (*Fig.* 918) . each 0 3 9

Fig. 919.

**Curettes or Scrapers,**—

| | | | |
|---|---|---|---|
| Gervis' Double, with large and small ends (*Fig.* 919), each | 0 | 8 | 6 |
| Neale's, with virgin silver scoop . . . . „ | 0 | 12 | 6 |
| Simon's Sharp Spoons, 3 sizes . . . . „ | 0 | 6 | 6 |

Fig. 920.

Simpson's (*Fig.* 920), 2 sizes . . . . each 0 5 6

Fig. 921.

Sims', with pliable stems (*Fig.* 921), 2 sizes . . each 0 5 6

## Uterine and Vaginal Instruments, *continued.*

Fig. 922.

**Curettes or Scrapers,** *continued,*— £ s. d.

Sims' Blunt, used also as Wire Twister (*Fig.* 922), each 0 5 6

Fig. 923.

Thomas', with pliable stem and dull edge (*Fig.* 923), each 0 7 6

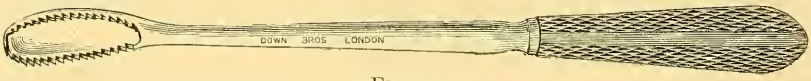



Fig. 924.

Ditto, Spoon Saw (*Fig.* 924) . . . . each 0 11 6

Fig. 925.

**Duke's "Egg Whisk" Curette,** for removing clots of mucus from Cervical Canal (*Fig.* 925) . each 0 5 0

Fig. 926.

Fig. 927

**Dilators for Vaginismus,**—

Sims', glass (*Fig.* 926) . . . . . each 0 1 3

,, vulcanite (*Fig.* 927) . . . . . ,, . 0 2 6

## Uterine and Vaginal Instruments, *continued.*

| Emmet's Instruments, for Lacerated Cervix,— | £ | s. | d. |
|---|---|---|---|
| Needles, for use with holder (*Figs.* 42 *and* 43, *page* 13), per doz. | 0 | 2 | 6 |
| Needle Holder (*Fig.* 1027, *page* 276) . . . each | 0 | 12 | 6 |
| Needles in handles . . . . . ,, | 0 | 5 | 6 |

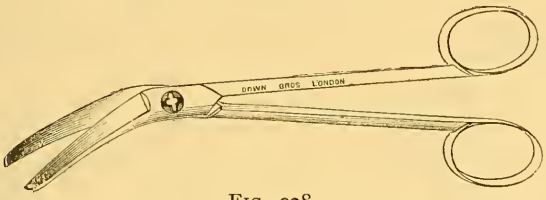



Fig. 928.

| | | | |
|---|---|---|---|
| Scissors, curved on the flat to the right or left at an obtuse angle (*Fig.* 928) . . . . each | 0 | 12 | 6 |

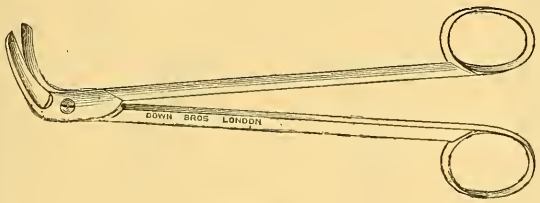



Fig. 929.

| | | | |
|---|---|---|---|
| Ditto, curved on the flat to the right at a right angle (*Fig.* 929) . . . . . each | 0 | 13 | 6 |
| Ditto, ditto, to the left, ditto, for use with left hand, each | 0 | 18 | 6 |

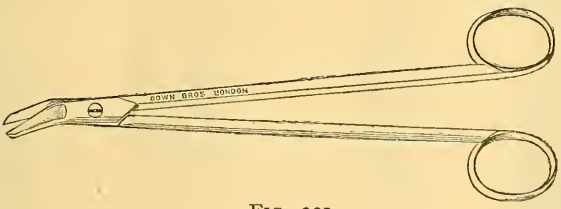



Fig. 930.

| | | | |
|---|---|---|---|
| Ditto, flat angle (*Fig.* 930) . . . . each | 0 | 12 | 6 |
| Tenaculum, Double, for drawing down the Cervix (*Fig.* 970, *page* 263) . . . . . each | 0 | 13 | 6 |

## Uterine and Vaginal Instruments, *continued.*

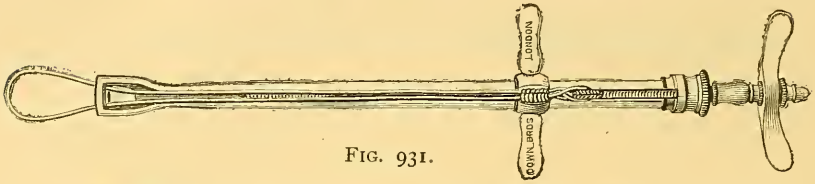



Fig. 931.

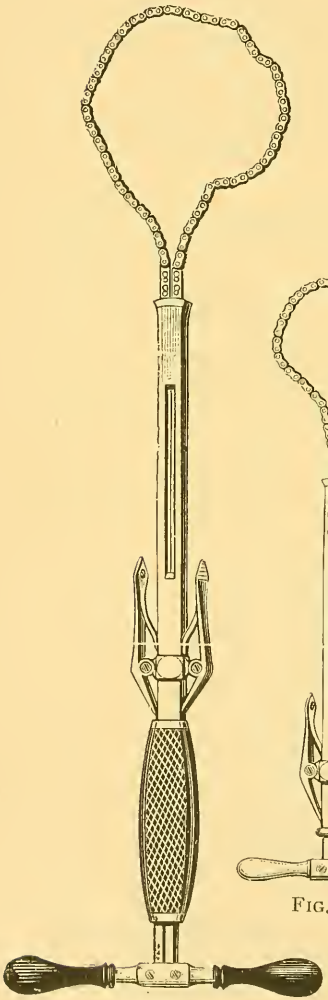


Fig. 932.

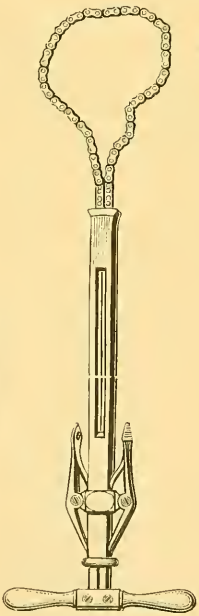


Fig. 934.

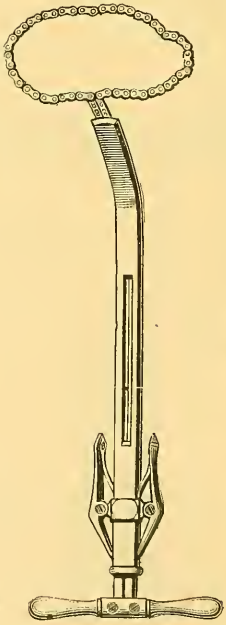


Fig. 935.

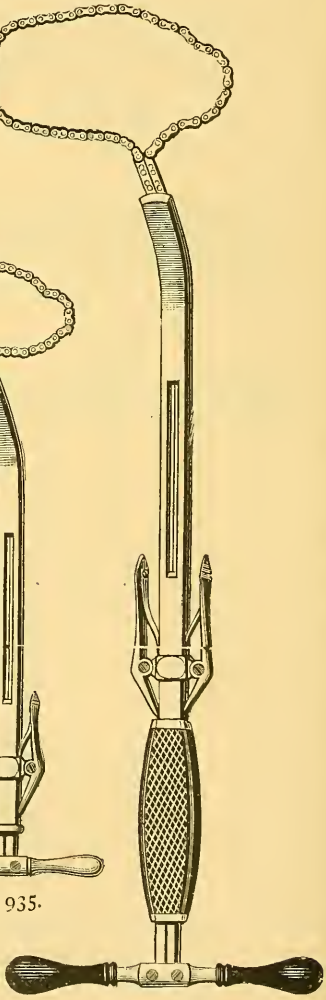


Fig. 933.

## Uterine and Vaginal Instruments, *continued.*

| Ecraseurs, Etc.,— | £ | s. | d. |
|---|---|---|---|
| Aveling's Polyptrite . . . . . each | 1 | 10 | 0 |
| Barnes' Ecraseur (*Fig.* 931) . . . . „ | 2 | 12 | 6 |
| Chassaignac's, straight or curved (*Figs.* 932 *and* 933), each | 2 | 12 | 6 |
| Ditto, ditto, small size (*Figs.* 934 *and* 935) . „ | 1 | 15 | 0 |

Elder's (*see page* 309).

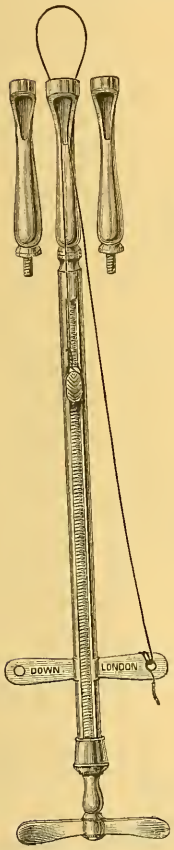



Fig. 936.

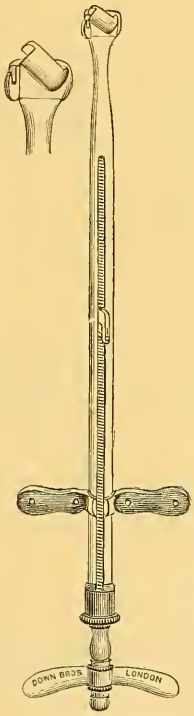



Fig. 937.

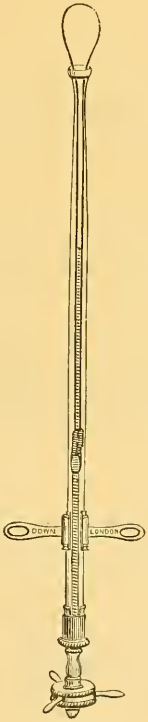



Fig. 938.

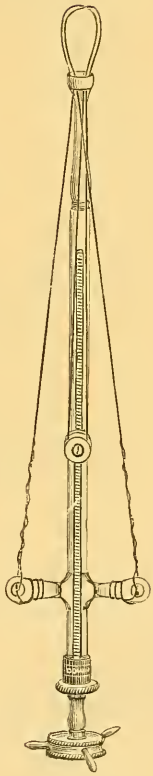


Fig. 939.

| | | | |
|---|---|---|---|
| Galabin's, with 3 ends (*Fig.* 936). . . . each | 2 | 12 | 6 |
| Gooch's Canulas . . each, 10*s.* 6*d.*; with rack | 0 | 18 | 6 |
| Heywood Smith's (*Fig.* 937) . . . . each | 2 | 2 | 0 |
| Ditto, with 2 ends . . . . . „ | 2 | 10 | 0 |

## Uterine and Vaginal Instruments, *continued.*

Ecraseurs, Etc., *continued*,— £ s. d.

Hicks', light pattern, for wire or wire rope (*Fig.* 938), each 1 17 6

Ditto, strong model (*Fig.* 939), fitted with 3 ends, of different sizes . . . . . each 2 12 6

*This may be used either for plain wire, wire rope, or double wire rope, as shown.*

Koeberlé's (*see page* 309).

Lawson Tait's (*see page* 309).

Meadow's . . . . . each 1 17 6

Sims' . . . . . „ 4 10 0

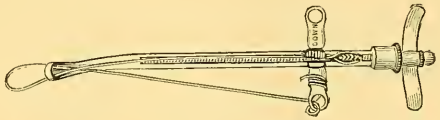


Fig. 940.

Short pattern (*Fig.* 940), as used by Mr. Bryant . each 1 7 6

(*This model is too short for Uterine use.*)

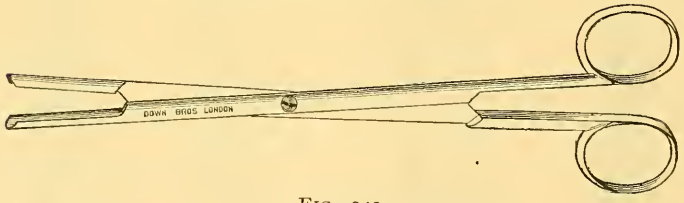



Fig. 941.

Forceps, Uterine,—

For holding caustic potass (*Fig.* 941) . . . each 0 5 6

Fig. 942.

Curved on flat, with rack (*Fig.* 942) . . . each 0 9 6

Straight (*Fig.* 943) . . . . . „ 0 6 6

## Uterine and Vaginal Instruments, *continued.*

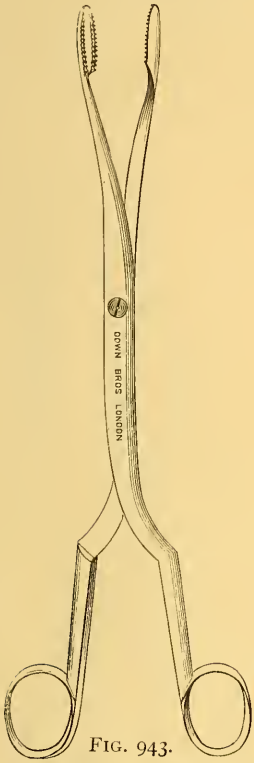



FIG. 943.

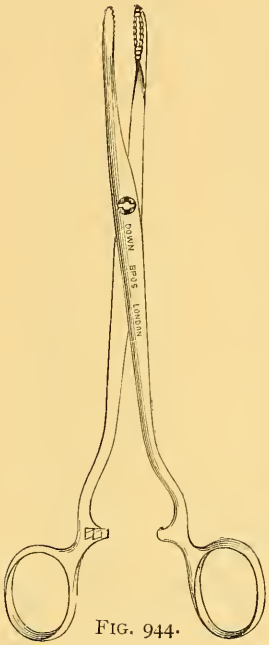



FIG. 944.

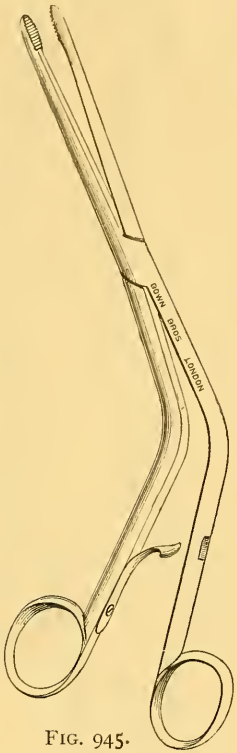



FIG. 945.

| **Forceps, Uterine,** *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| With rack and take-off joint (*Fig.* 944) . . | each | 0 | 11 | 6 |
| Curved shanks, Whitehead's . . . . | „ | 0 | 6 | 6 |
| Ditto, and catch, blunt ends (*Fig.* 945) . . | „ | 0 | 7 | 6 |

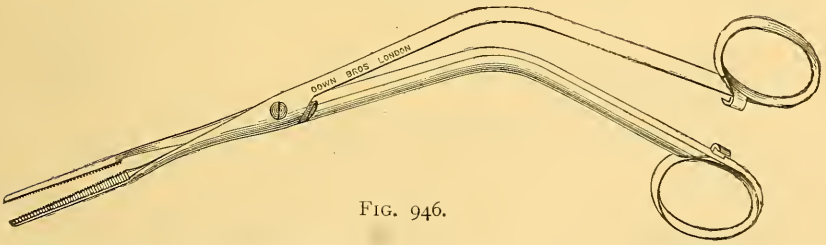



FIG. 946.

| | | | | |
|---|---|---|---|---|
| Ditto, ditto, fine points (*Fig.* 946) . . . | each | 0 | 9 | 6 |
| Trowel shanks . . . . . | „ | 0 | 7 | 6 |

## Uterine and Vaginal Instruments, *continued*

Fig. 947.

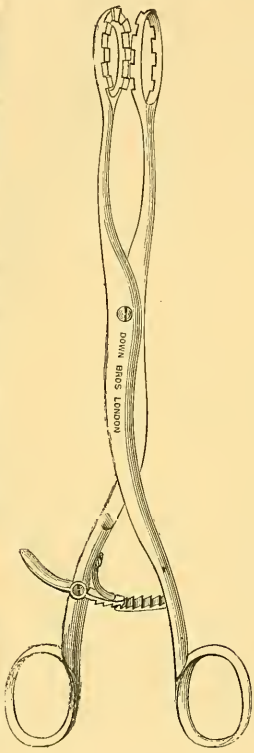



Fig. 948.

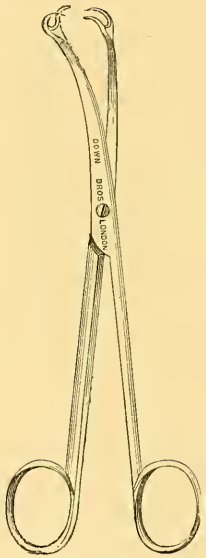



Fig. 949.

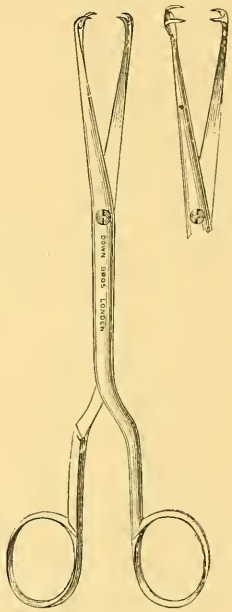



Fig. 950.

| | £ | s. | d. |
|---|---|---|---|
| **Forceps, Uterine,** *continued*,— | | | |
| Duke's Spring, sponge-holding (*Fig.* 947), nickel plated, each | 0 | 6 | 6 |
| Godson's Tumour (*Fig.* 948) . . . . . „ | 0 | 18 | 6 |
| Heywood Smith's ditto, large . . . . . „ | 0 | 13 | 6 |
| Ditto, ditto, small . . . . . „ | 0 | 11 | 6 |
| Spring, serrated ends (*Fig.* 236, *page* 59), each, 4*s.* 6*d.*; with catch | 0 | 5 | 6 |
| Ditto, tenaculum points (*Fig.* 237, *page* 59), each, 4*s.* 6*d.*; with catch | 0 | 5 | 6 |
| **Vulsellums,** curved, curved on flat, or straight (*Fig.* 949) . . . . . each | 0 | 6 | 6 |
| Cross-action, straight, or with side-teeth (*Fig.* 950), each | 0 | 7 | 6 |

## Uterine and Vaginal Instruments, *continued.*

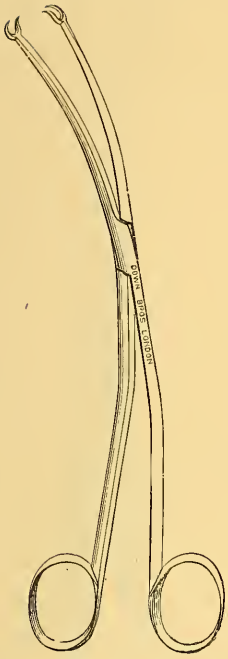



Fig. 951.

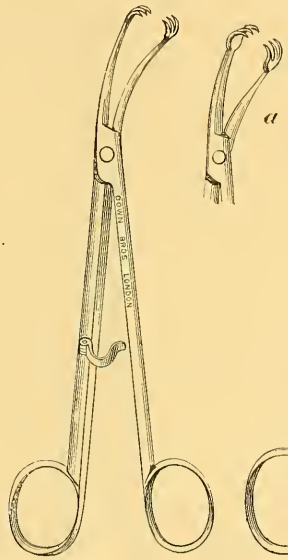



Fig. 952.

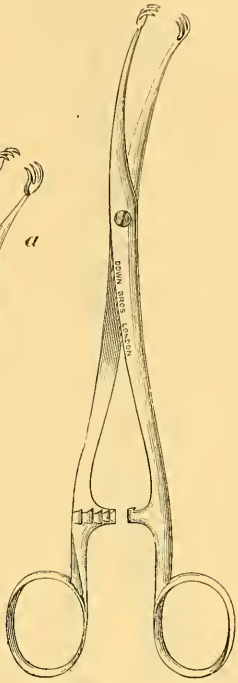



Fig. 953.

| **Vulsellums**, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Curved, to fit the finger (*Fig.* 951) . . . each | 0 | 6 | 6 |
| Ditto, with hinge catch, Russell Simpson's, large or small jaws (*Fig.* 952) . . . . . each | 0 | 8 | 6 |
| Ditto, with rack, Teale's (*Fig.* 953) . . . „ | 0 | 9 | 6 |

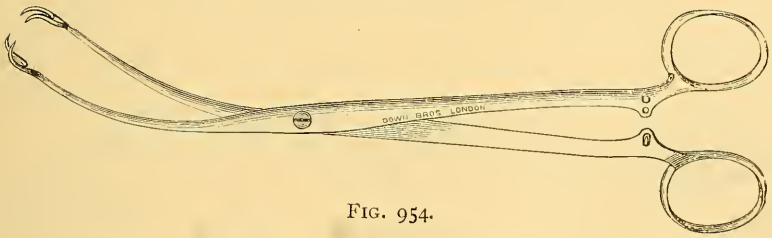



Fig. 954.

| | | | |
|---|---|---|---|
| Curved, curved on flat, or straight, with pin catch (*Fig.* 954) . . . . . each | 0 | 9 | 6 |

## Uterine and Vaginal Instruments, *continued.*

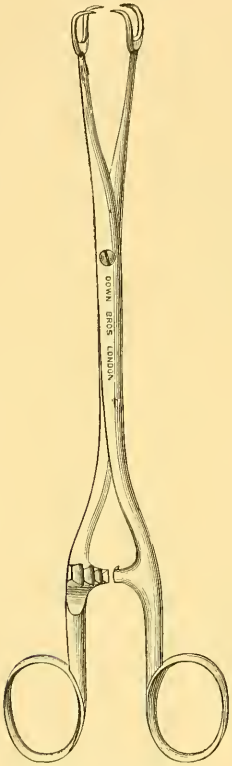



Fig. 955.

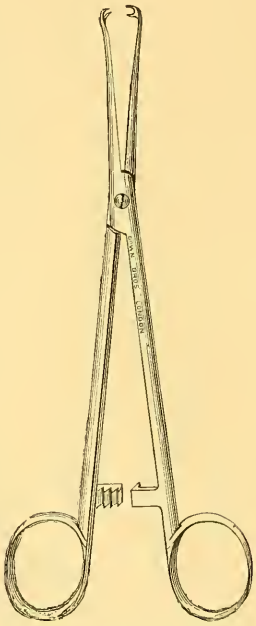


Fig. 956.

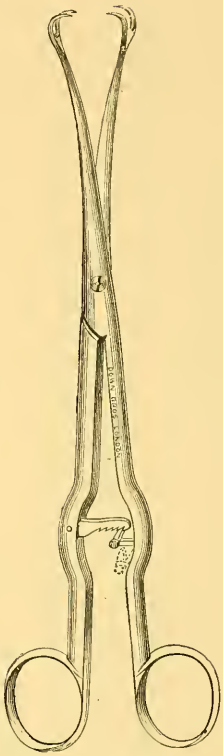


Fig. 957.

| Vulsellums, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Straight, with rack (*Fig.* 955) . . . . each | 0 | 9 | 6 |
| Ditto, ditto, and side teeth (*Fig.* 956) . . „ | 0 | 9 | 6 |
| Ditto, with rack between bows (*Fig.* 957) . „ | 0 | 13 | 0 |

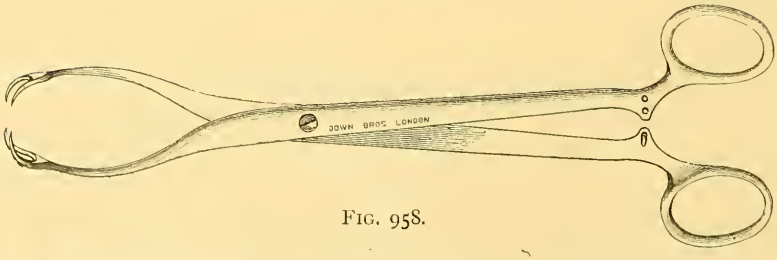



Fig. 958.

Straight, wide mouth, with pin catch (*Fig.*), 958 each 0 9 6

## Uterine and Vaginal Instruments, *continued.*

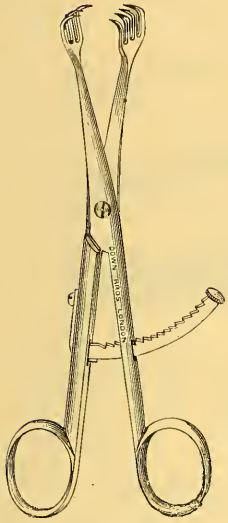



Fig. 959.

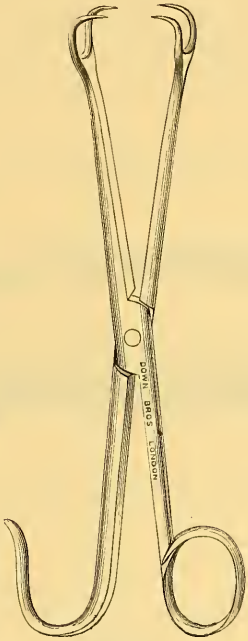



Fig. 960.

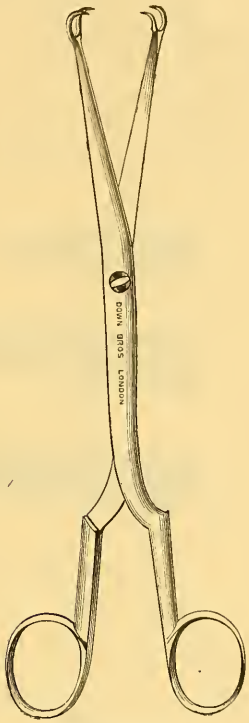



Fig. 961.

| | £ | s. | d. |
|---|---|---|---|
| **Vulsellums,** *continued,*— | | | |
| Straight, strong, with rack, Curling's (*Fig.* 959) . each | 0 | 11 | 6 |
| Ditto, ditto, Kidd's (*Fig.* 960) . . . . . ,, | 0 | 7 | 6 |
| Ditto, with blades to separate, Matthews Duncan's ,, | 0 | 13 | 6 |
| Ditto, with take-off joint (*Fig.* 961) . . . ,, | 0 | 8 | 6 |

*Nickel plated,* 1*s. each extra.*

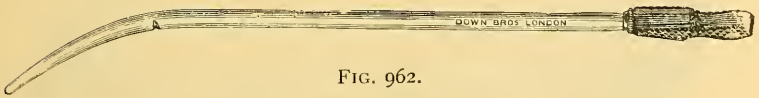



Fig. 962.

**Instruments for Dilating the Cervix,**—

| | | | | |
|---|---|---|---|---|
| Galabin's conical Steel Sounds (*Fig.* 962) . | . each | 0 | 4 | 6 |
| Ditto, ditto, the set of 3 . . . . | in case | 0 | 17 | 6 |

## Uterine and Vaginal Instruments, *continued.*

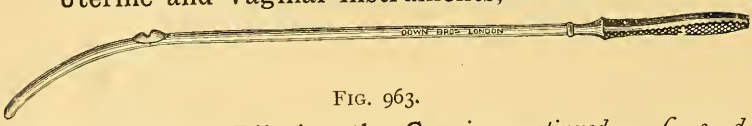



Fig. 963.

**Instruments for Dilating the Cervix**, *continued*,— £ s. d.

Gervis' Hollow Sounds, cylindrical (*Fig.* 963) . each 0 8 0
Ditto, ditto, the set of 8 . . . . in case 3 12 6
Godson's, cylindrical Sounds, the set of 13, fitting one handle . . . . . in case 3 3 0

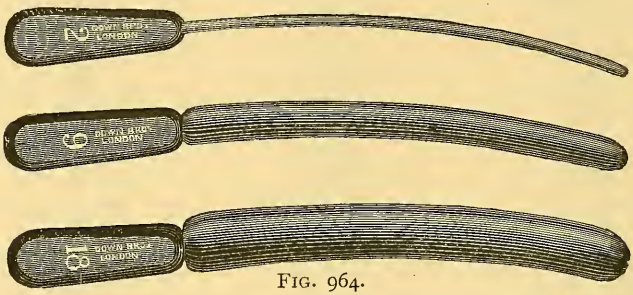



Fig. 964.

Hegar's Dilators (*Fig.* 964), per set of 25 . in case 2 10 0

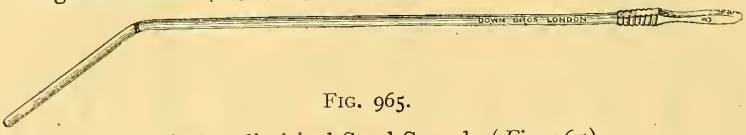



Fig. 965.

Heywood Smith's cylindrical Steel Sounds (*Fig.* 965), each 0 4 6

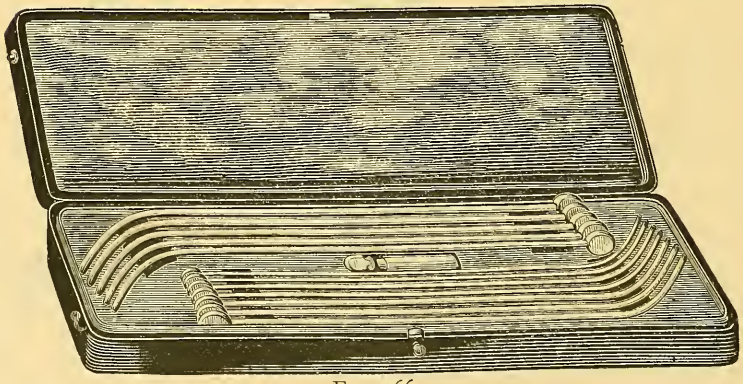


Fig. 966.

Matthews Duncan's (*Fig.* 966), capable of being bent, per set of 12 . . . . . in case 2 12 6

## Uterine and Vaginal Instruments, *continued.*

Fig. 967.

**Instruments for Dilating the Cervix,** *continued*,— £ s. d.

Priestley's Dilator (*Fig.* 967) . . . . each 1 10 0

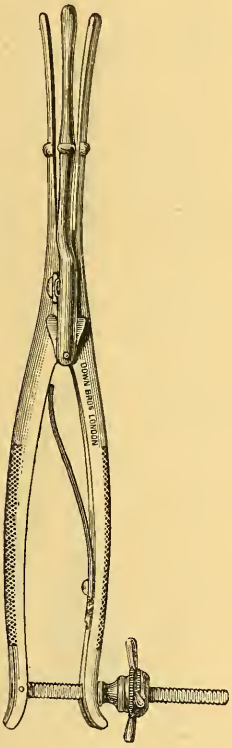



Fig. 968.

Fig. 969.

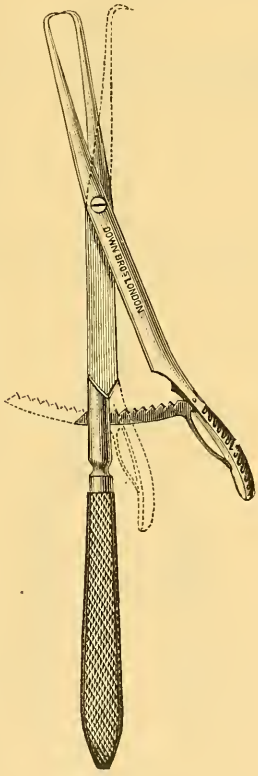



Fig. 970.

Sims' three-blade Dilator (*Fig.* 968) . . . each 1 17 6

**Instruments for Drawing Down the Cervix** (*see also* Vulsellums),—

Chambers' Guarded Tenaculum (*Fig.* 969) . . each 1 5 0

Emmet's Double ditto (*Fig.* 970) . . . „ 0 13 6

## Uterine and Vaginal Instruments, *continued.*

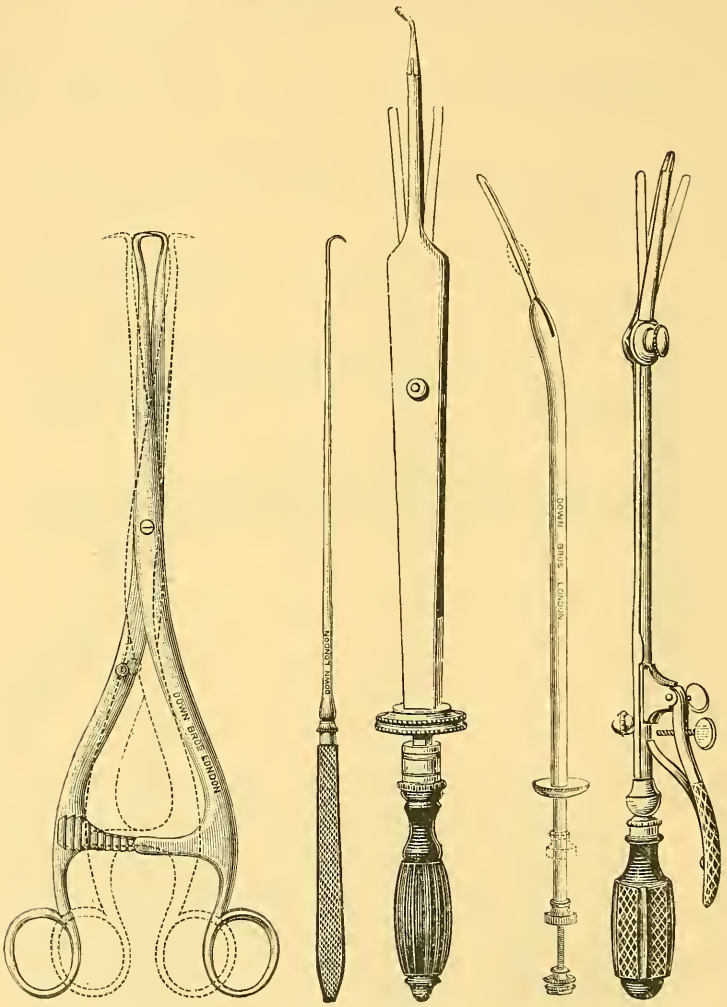



Fig. 971. Fig. 972. Fig. 973. Fig. 974. Fig. 975.

### Instruments for Drawing Down the Cervix, *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Galabin's Forceps (*Fig.* 971) . . . . each | 0 | 13 | 6 |
| Sims' ditto . . . . . „ | 0 | 9 | 6 |
| Ditto, Fine Hook (*Fig.* 972) . . . . „ | 0 | 4 | 6 |
| Ditto, Double ditto . . . . . „ | 0 | 5 | 6 |

**Uterine and Vaginal Instruments,** *continued.* £ s. d.

**Leech Cages,** for application to the Os Uteri . each 0 11 6

**Metrotomes,—**

Aveling's, the blade moves with a sawing action by means of three joints . . . . . each 1 10 0
Greenhalgh's (*Fig.* 973) . . . . . „ 3 3 0
Peaslee's Improved Model (*Fig.* 974) . . . „ 1 15 0
Routh's (*Fig.* 975) . . . . . „ 2 5 0
Savage's . . . . . „ 1 10 0

Fig. 976.

Simpson's, blade guarded on both sides (*Fig.* 976), each 1 10 0
Ditto, blade guarded on one side only, as suggested by Dr. Barnes . . . . . each 1 10 0

Fig. 977.

**Playfair's Probes,** for applying nitric acid (*Fig.* 977), aluminium . . . . . each 0 3 6

Fig. 978.

Ditto, ditto, Gervis' pattern (*Fig.* 978), aluminium, each 0 3 6

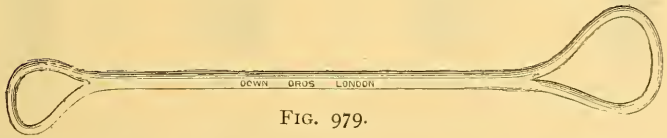



Fig. 979.

**Retractor,** Gervis' Wire Loop . . . . each 0 5 6
**Scarifying Knife,** Buttle's . . . . . „ 0 4 0
Ditto, protected with Metal Cap . . . „ 0 7 6

Fig. 980.

**Simpson's Porte Caustique** (*Fig.* 980) . . each 0 10 6

## Uterine and Vaginal Instruments, *continued.*

FIG. 981.

FIG. 982.

FIG. 983.

FIG. 984.

| | £ | s. | d. |
|---|---|---|---|
| **Sims' Double-Guarded Tumour Hook** (*Fig.* 981), each | 1 | 1 | 0 |
| **Sims' Enucleators,** 2 patterns (*Figs.* 982 *and* 983), each | 0 | 7 | 6 |
| **Sims' Knife,** for the Cervix (*Fig.* 984), to fix at any angle . . . . . each | 0 | 12 | 6 |
| Ditto, with set of blades . . . in case | 1 | 17 | 6 |
| **Scissors,**— | | | |
| Angular (*Fig.* 985) . . . . . each | 0 | 9 | 6 |
| Bozemann's, double curved (*Fig.* 986) . . . ,, | 0 | 10 | 6 |

## Uterine and Vaginal Instruments, *continued.*

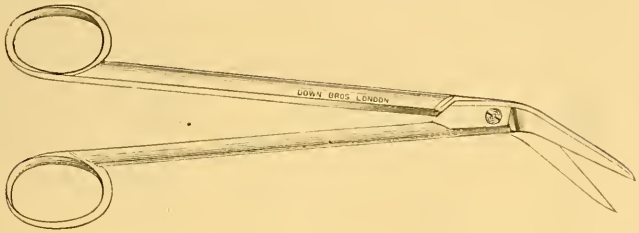



Fig. 985.

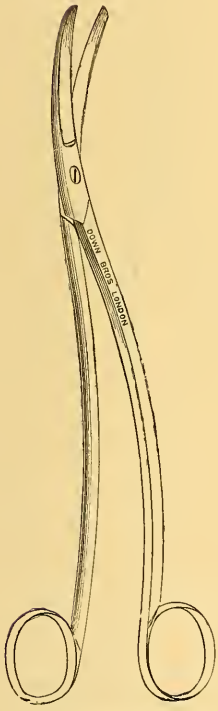



Fig. 986.

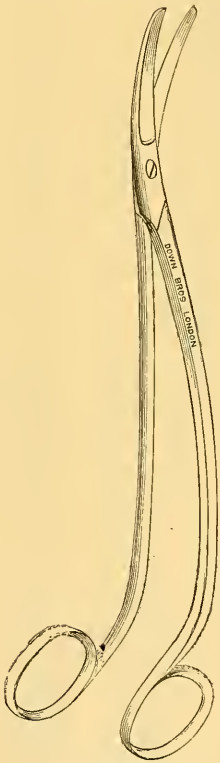



Fig. 987.

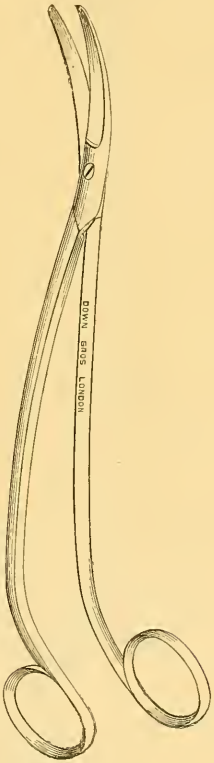



Fig. 988.

**Scissors,** *continued*,— £ s. d.

Bozemann's, double curved, shanks curved left and right (*Figs.* 987 *and* 988) . . . . each 0 12 0

## Uterine and Vaginal Instruments, *continued.*

Fig. 989.

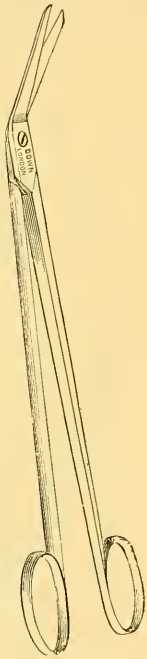



Fig. 990.

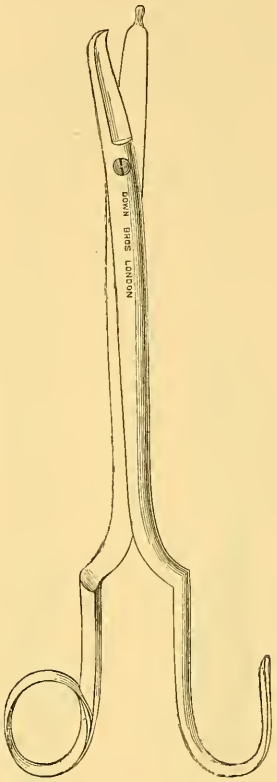



Fig. 991.

| Scissors, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Curved on flat (*Fig.* 989) . . . . . each | 0 | 10 | 6 |
| Curved on flat, cross-action shanks . . . . ,, | 0 | 10 | 6 |
| Curved flat angle (*Fig.* 990) . . . . . ,, | 0 | 10 | 6 |

Emmet's (*see page* 253).

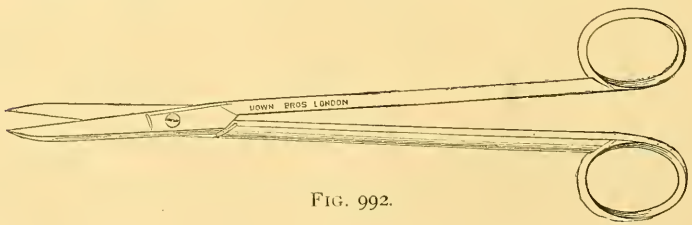



Fig. 992.

## Uterine and Vaginal Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Scissors,** *continued*— | | | |
| Heywood Smith's, curved . . . . . each | 2 | 2 | 0 |
| Ditto, straight . . . . . „ | 1 | 17 | 6 |
| Küchenmeister's, for dividing the Cervix (*Fig.* 991) „ | 0 | 15 | 0 |
| Straight (*Fig.* 992) . . . . . „ | 0 | 7 | 6 |

**Scoops** (*see* Curettes).

**Scrapers** (*see* Curettes).

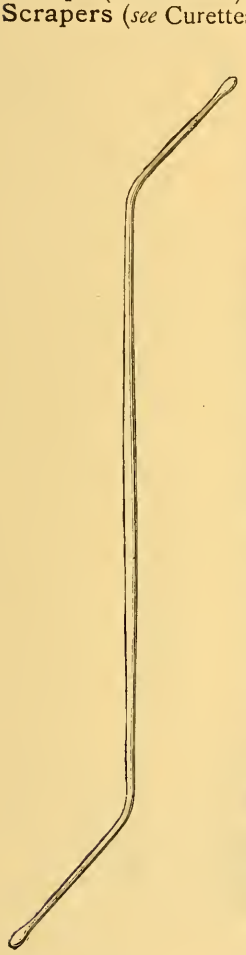


Fig. 993.

Fig. 994.

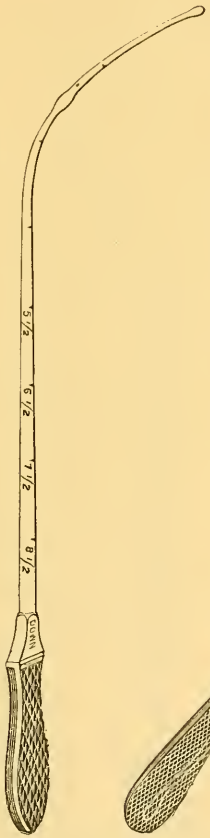



Fig. 995.

Fig. 996.

**Sounds, Uterine,—**

| | | | |
|---|---|---|---|
| Aveling's (*Fig.* 993) . . . . . each | 0 | 5 | 0 |

## Uterine and Vaginal Instruments, *continued.*

| Sounds, Uterine, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Barnes' Whalebone (*Fig.* 994) . . . | each | 0 | 4 | 0 |
| Galabin's Improved, latest model (*Fig.* 995) . | „ | 0 | 5 | 6 |
| Heywood Smith's (*Fig.* 996) . . . . | „ | 0 | 6 | 6 |

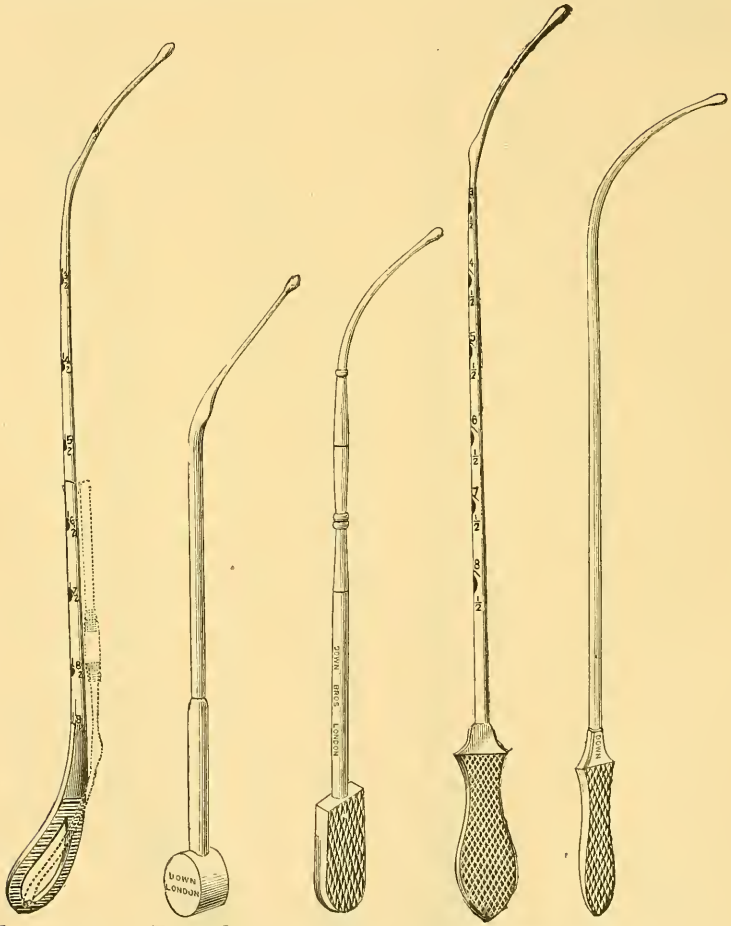



Fig. 997. Fig. 998. Fig. 999. Fig. 1000. Fig. 1001.

| | | | | |
|---|---|---|---|---|
| Heywood Smith's, with Retractor (*Fig.* 997) | each | 0 | 6 | 6 |
| Matthews Duncan's (*Fig.* 998) . . . . | „ | 0 | 5 | 6 |
| Russell Simpson's (*Fig.* 999) . . . . | „ | 0 | 6 | 0 |
| Simpson's (*Fig.* 1000) . . . . . | „ | 0 | 5 | 0 |

## Uterine and Vaginal Instruments, *continued.*

Fig. 1002.

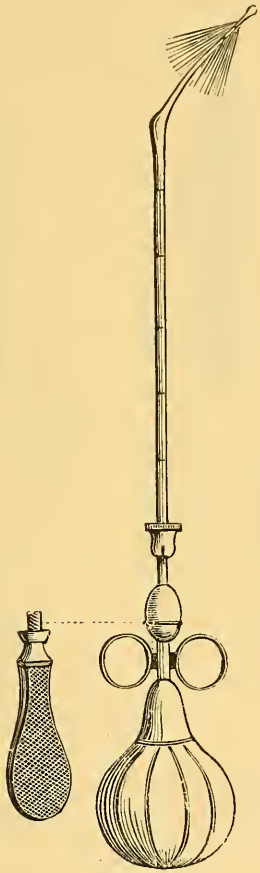


Fig. 1003.

Fig. 1004.

| | £ | s. | d. |
|---|---|---|---|
| **Sounds, Uterine,** *continued*,— | | | |
| Sims' (*Fig.* 1001) . . . . . each | 0 | 5 | 0 |
| Ditto, Redressor or Elevator (*Fig.* 1002) . . ,, | 1 | 1 | 0 |
| Sound and Syringe combined (*Fig.* 1003) . . ,, | 1 | 0 | 0 |
| **Sponge Holders** (*see also* Forceps),— | | | |
| Two-prong, nickel, curved or straight . . . ,, | 0 | 2 | 6 |
| Ditto, ditto, and nickel handles . . . ,, | 0 | 2 | 6 |
| Three-prong (*Fig.* 1004) . . each, 2*s.* 6*d.* and | 0 | 3 | 6 |
| **Sulphate of Zinc Points.** . . . per doz. | 0 | 1 | 6 |
| Barnes' Introducer for same (*Fig.* 908) . . each | 0 | 10 | 6 |

## Uterine and Vaginal Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Syringe**, Thomas's, for removing clots from Cervical Canal . . . . . each | 0 | 7 | 6 |

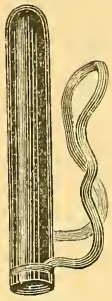


Fig. 1005.

Fig. 1006.

**Tents,—**

| | | | |
|---|---|---|---|
| Laminaria (*Figs.* 1005 *and* 1006), solid, assorted sizes, per doz. | 0 | 2 | 9 |
| Ditto, ditto, hollow, ditto . . . . „ | 0 | 4 | 0 |
| Ditto, 4 in. long per doz., solid, 7*s.* 6*d.* ; hollow | 0 | 12 | 0 |

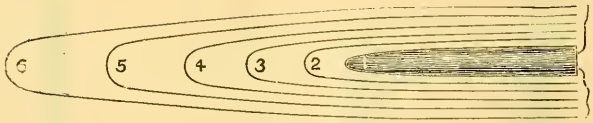



Fig. 1007.

| | | | |
|---|---|---|---|
| Sponge (*Fig.* 1007), assorted sizes . . per doz. | 0 | 3 | 0 |
| Ditto, extra large . . . . . „ | 0 | 7 | 6 |
| Tupelo, assorted sizes, per doz., solid, 6*s.* 9*d.* ; hollow | 0 | 10 | 6 |

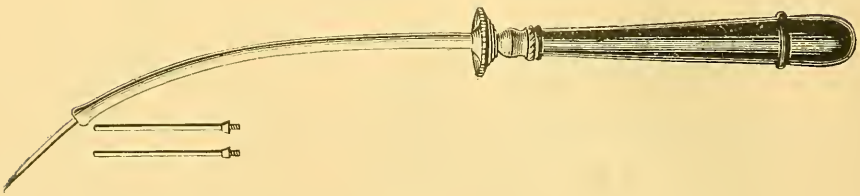


Fig. 1008.

| | | | |
|---|---|---|---|
| **Tent Introducers**, Barnes' (*Fig.* 1008) . . each | 0 | 9 | 0 |
| Godson's . . . . . „ | 0 | 16 | 6 |

## Uterine and Vaginal Instruments, *continued.*

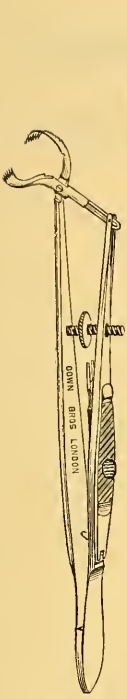



Fig. 1009.

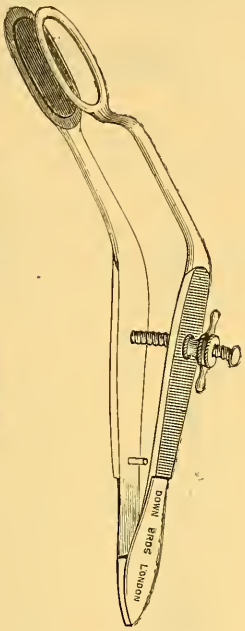



Fig. 1010.

Fig. 1011.

Fig. 1012.

Fig. 1013.

| Vaginal Fistula Instruments,— | | £ | s. | d. |
|---|---|---|---|---|
| Bryant's Vesico-Vaginal Fistula Forks . | per set of 6 | 2 | 5 | 0 |
| Forceps, Durham's Vesico-Vaginal Fistula (*Fig.* 1009), | each | 0 | 15 | 6 |
| Ditto, ditto, for wire twisting . . . . | „ | 0 | 10 | 6 |
| Ditto, Tillaux', for Recto-Vaginal Fistula (*Fig.* 1010), | each | 0 | 18 | 6 |
| Hook, fine (*Fig.* 1011) . . . . . | „ | 0 | 4 | 0 |
| Ditto, "Crotchet," for wire adjusting (*Fig.* 1012) | „ | 0 | 4 | 0 |
| Ditto, with double slot (*Fig.* 1013) . . . | „ | 0 | 4 | 6 |

Fig. 1014.

| | | | | |
|---|---|---|---|---|
| Knives, for paring the edges, straight (*Fig.* 1014) . | each | 0 | 4 | 6 |

## Uterine and Vaginal Instruments, *continued.*

FIG. 1015.

FIG. 1016.

| **Vaginal Fistula Instruments,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Knives, for paring the edges, curved (*Figs.* 1015 *and* 1016) . . . . . each | 0 | 5 | 0 |
| Ditto, ditto, set of 5 in case . . . per set | 1 | 10 | 0 |
| Ditto, Sims', with screw at end of handle for fixing blade at any angle (*Fig.* 984, *page* 266) . . each | 0 | 12 | 0 |
| Ditto, ditto, improved, with set of knives . in case | 1 | 17 | 6 |

FIG. 1017.

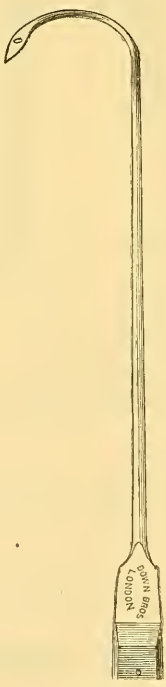



FIG. 1018.

FIG. 1019.

| | | | |
|---|---|---|---|
| Needles, in handles (*Fig.* 1017) . . . . each | 0 | 5 | 0 |
| Ditto, ditto, curved right and left (*Figs.* 1018, 1019) ,, | 0 | 5 | 6 |

## Uterine and Vaginal Instruments, *continued.*

Fig. 1020.

Fig. 1021.

Fig. 1022.

| **Vaginal Fistula Instruments,** *continued*,— | £ | *s.* | *d.* |
|---|---|---|---|
| Needles, in handles, Bryant's (*Figs.* 1020, 1021, *and* 1022) . . . . . each | 0 | 6 | 6 |
| Ditto, ditto, tubular, curved right and left, and straight . . . . . each | 0 | 6 | 0 |
| Ditto, Smith's, with set of 12 tubular Needles (*see Fig.* 252, *page* 63) . . . . . in case | 2 | 15 | 0 |
| Ditto, for use with Needle-holder (*see page* 14). | | | |

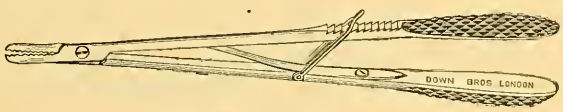



Fig. 1023.

| **Needle Holders,**— | | | |
|---|---|---|---|
| American pattern, Ring Catch (*Fig.* 1023) . . each | 0 | 9 | 6 |

## Uterine and Vaginal Instruments, *continued.*

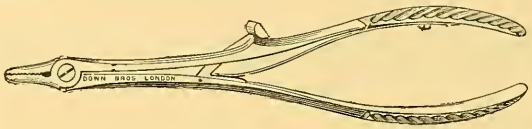



FIG. 1024.

**Needle Holders,** *continued*,— £ s. d.
Automatic Spring Catch (*Fig.* 1024) . . . each 0 13 6

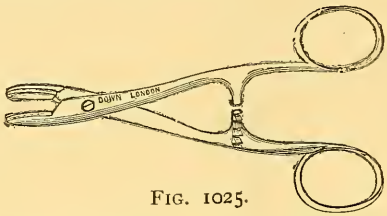



FIG. 1025.

Bow Handles and Rack Catch (*Fig.* 1025), 5-in. . each 0 7 6

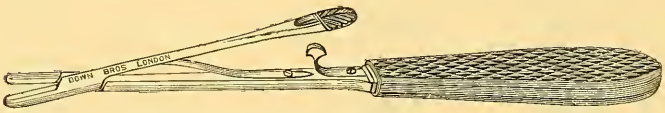



FIG. 1026.

Durham's (*Fig.* 1026) . . . . . each 0 15 6

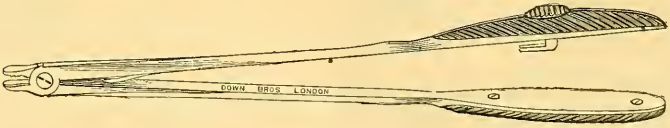



FIG. 1027.

Emmet's (*Fig.* 1027) . . . . . each 0 12 6

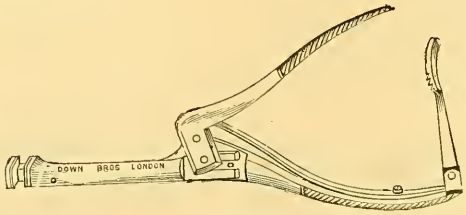



FIG. 1028.

Hagedorn's (*Fig.* 1028) . . . . . each 0 15 0
Sims', Bow Handles, 7-in. . . . . ,, 0 6 6

## Uterine and Vaginal Instruments, *continued.*

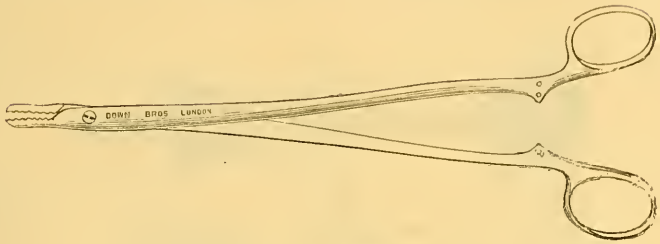



Fig. 1029.

| | £ | s. | d. |
|---|---|---|---|
| **Needle Holders**, *continued*,— | | | |
| Sims', Bow Handles, 7-in., and Catch (*Fig.* 1029), each | 0 | 7 | 6 |
| Spencer Wells', Bow Handles, 5-in. . . . ,, | 0 | 5 | 6 |

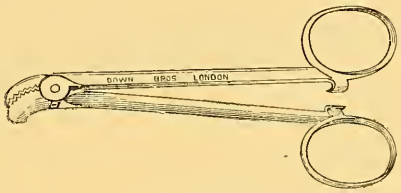



Fig. 1030.

| | | | |
|---|---|---|---|
| Ditto, ditto, and Catch (*Fig.* 1030) . . . each | 0 | 6 | 6 |
| Ward Cousins' . . . . . ,, | 0 | 18 | 6 |

*Nickel plated*, 1s. *each extra.*

| | | | |
|---|---|---|---|
| **Shot, Perforated** . . . . . per doz. | 0 | 0 | 6 |
| **Shot Perforators** . . . . . each | 0 | 10 | 6 |
| **Silkworm Gut, etc.** (*see page* 12). | | | |
| **Suture Adjusters**,— | | | |
| Curette, Sims' Blunt, or Wire Twister (*Fig.* 922, *page* 252) . . . . . each | 0 | 5 | 6 |
| Disc pattern (*Fig.* 265, *page* 64) . . . . ,, | 0 | 4 | 0 |
| Forked ditto (*Fig.* 266, *page* 64) . . . . ,, | 0 | 5 | 0 |
| Fulcrum ditto (*Fig.* 267, *page* 64) . . . ,, | 0 | 5 | 6 |
| **Wire Twisters, S** Shape (*Fig.* 268, *page* 65) . ,, | 0 | 5 | 0 |
| **Vaginal Specula**,— | | | |
| Allingham's Four-blade Speculum . . . each | 2 | 12 | 6 |

*This is a modification of Meadows' 3-blade Speculum, and being very small when closed, is also useful as a Rectum Speculum.*

## Uterine and Vaginal Instruments, *continued.*

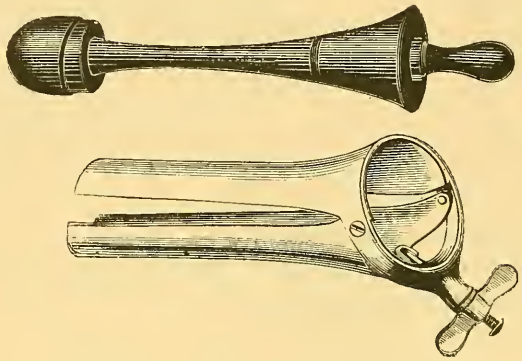


Fig. 1031.

| Vaginal Specula, *continued,*— | £ | s. | d. |
|---|---|---|---|
| Barnes' Speculum (*Fig.* 1031) . . . . each | 1 | 4 | 0 |

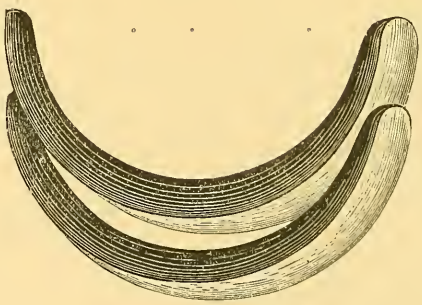


Fig. 1032.

| | | | |
|---|---|---|---|
| Barnes', modification of Neugabauer's (*Fig.* 1032), each | 1 | 1 | 0 |
| Bennett's, each, German silver, 16*s.* 6*d.* ; electro-plated and gilt | 1 | 4 | 0 |

## Uterine and Vaginal Instruments, *continued.*

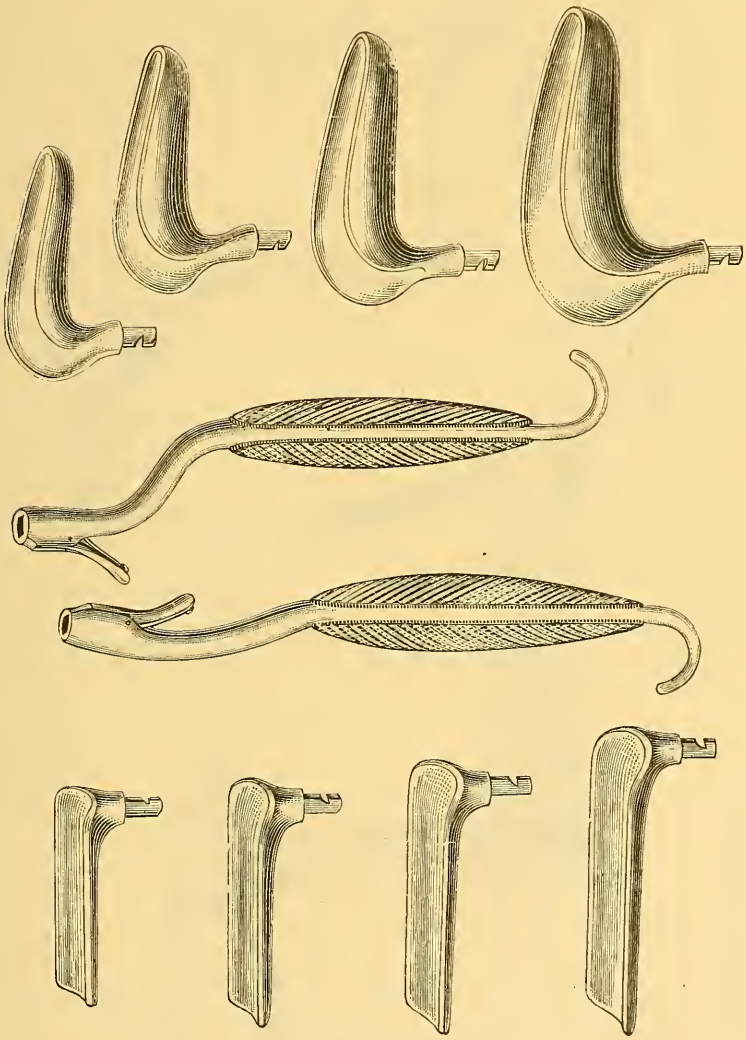


Fig. 1033.

**Vaginal Specula,** *continued,*— £ s. d.

Bozemann's, consisting of 2 handles and 8 blades (*Fig.* 1033) . . . . . per set 2 10 0

## Uterine and Vaginal Instruments, *continued.*

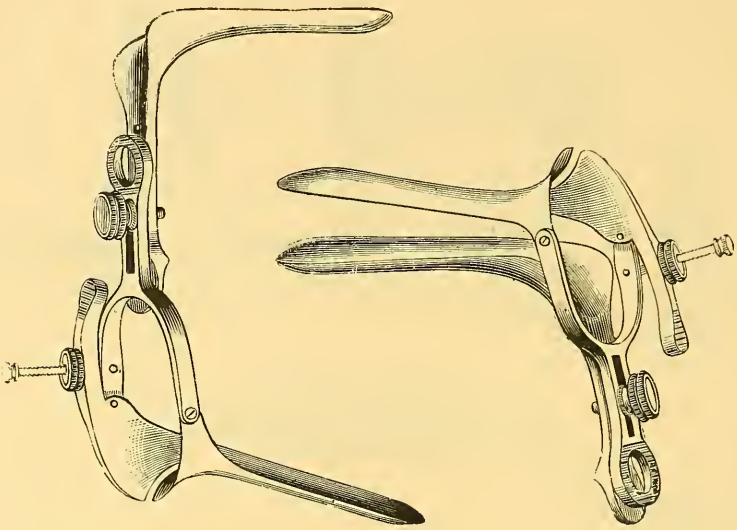


Fig. 1034.

| Vaginal Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Brewer's Compound (*Fig.* 1034) . . . . each | 1 | 10 | 0 |

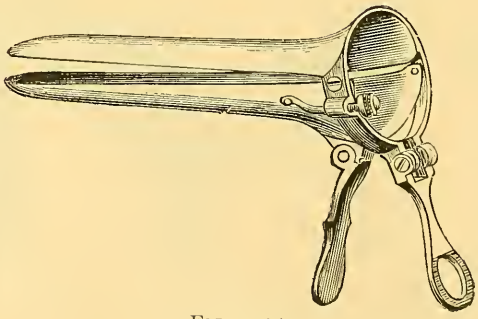


Fig. 1035.

| | | | |
|---|---|---|---|
| Cusco's (*Fig.* 1035) . . . . . each | 0 | 15 | 0 |

## Uterine and Vaginal Instruments, *continued.*

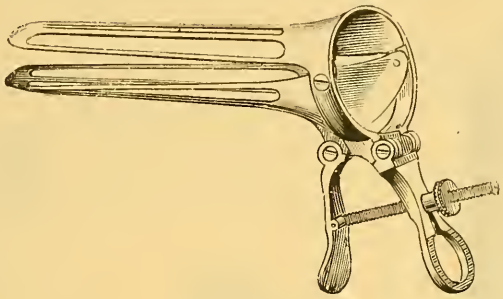


Fig. 1036.

| Vaginal Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Fenestrated (*Fig.* 1036) . . . . . each | 1 | 1 | 0 |

Fig. 1037.

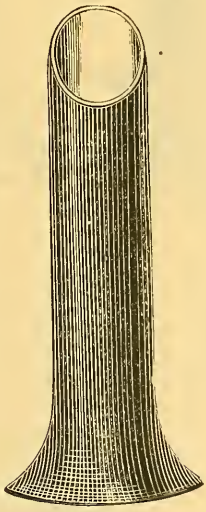


Fig. 1038.

| | | | |
|---|---|---|---|
| Fergusson's, glass, plain (*Fig.* 1037), in three sizes, each | 0 | 2 | 0 |
| Ditto, ditto, covered elastic gum (*Fig.* 1038), in three sizes . . . . . each | 0 | 3 | 0 |
| Ditto, ditto, ditto, Aveling's modification, the edges left uncovered and ground off smooth . . . | 0 | 3 | 6 |
| Ditto, ditto, covered web and elastic gum, in three sizes . . . . . each | 0 | 4 | 0 |
| Ditto, plated, in three sizes. . . . . ,, | 0 | 7 | 0 |

## Uterine and Vaginal Instruments, *continued.*

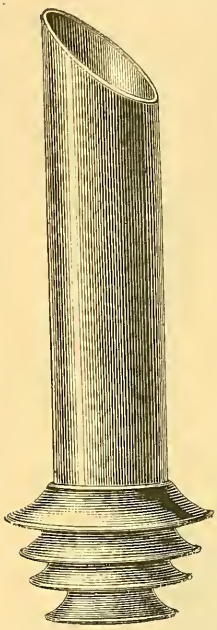


Fig. 1039.

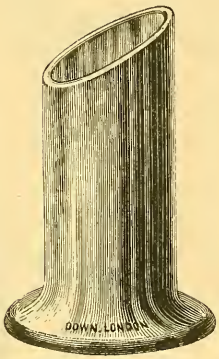



Fig. 1040.

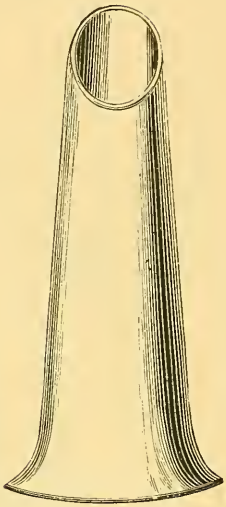


Fig. 1041.

**Vaginal Specula**, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Fergusson's, celluloid, opaque white, in four sizes (*Fig.* 1039), each, 3*s.* 9*d.*; the set with cover | 0 | 18 | 6 |
| Ditto, vulcanite, in 3 sizes . . . . . each | 0 | 3 | 0 |
| Galabin's short, web covered, to allow of digital examination of the Os (*Fig.* 1040) . . . . . each | 0 | 4 | 6 |
| Hall Davis's plated (*Fig.* 1041), in three sizes . ,, | 0 | 10 | 6 |

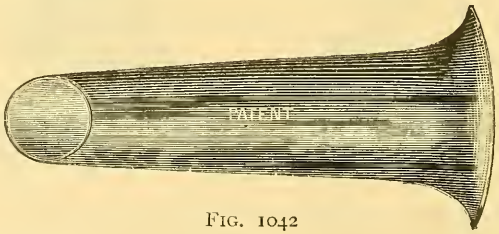



Fig. 1042

| | | | |
|---|---|---|---|
| Ditto, celluloid, opaque white (*Fig.* 1042), three sizes, 4*s.* 6*d.* each; the set with cover . . . . . | 0 | 17 | 6 |
| Hewitt's . . . . . each | 1 | 1 | 0 |

## Uterine and Vaginal Instruments, *continued.*

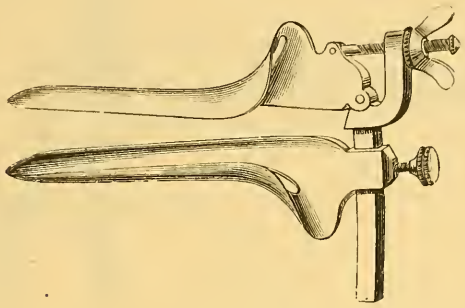


Fig. 1043.

| Vaginal Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Jackson's (*Fig.* 1043) . . . . . each | 1 | 5 | 0 |

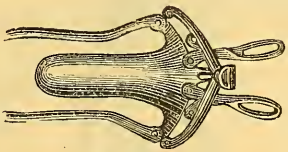


Fig. 1044.

| | | | |
|---|---|---|---|
| Meadows', 3 blades (*Fig.* 1044) . . . . each | 2 | 2 | 0 |

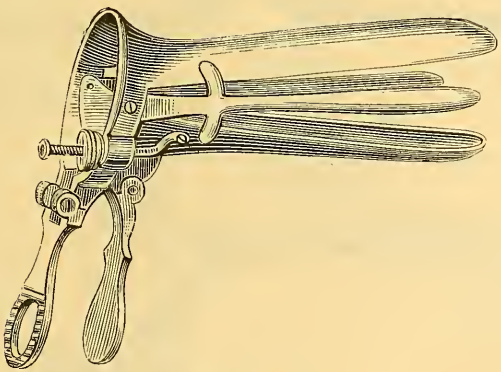


Fig. 1045.

| | | | |
|---|---|---|---|
| Ditto, 4 blades (*Fig.* 1045) . . . . each | 1 | 10 | 0 |

## Uterine and Vaginal Instruments, *continued.*

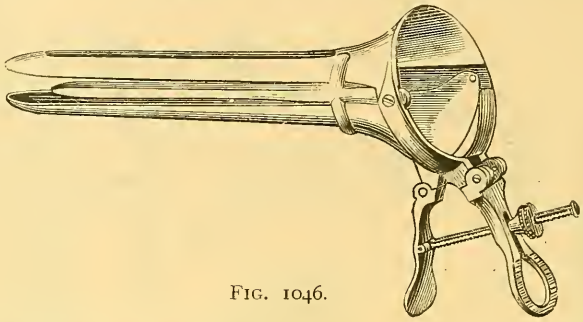


Fig. 1046.

**Vaginal Specula,** *continued,*— £ s. d.

Meadows', 4 blades, fenestrated (*Fig.* 1046) . . each 1 10 0

*Figs.* 1045 *and* 1046 *can be supplied with the upper blades shorter than the lower, if desired.*

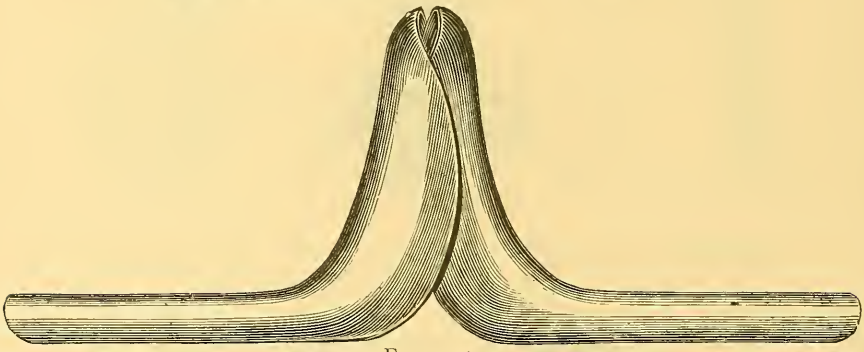


Fig. 1047.

Neugabauer's (*Fig.* 1047), the set of three pairs, per set 1 15 0

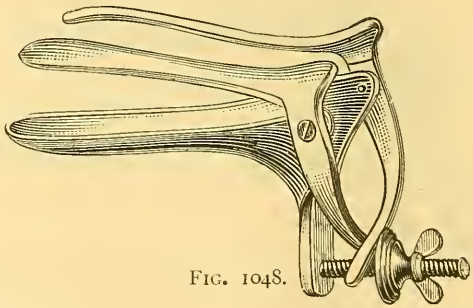


Fig. 1048.

Nott's (*Fig.* 1048) . . . . . each, 15*s.* and 1 2 6

## Uterine and Vaginal Instruments, *continued.*

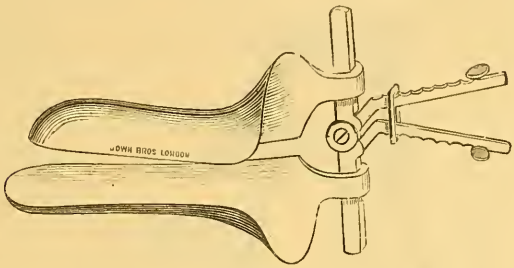



Fig. 1049.

| Vaginal Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Reid's (*Fig.* 1049) . . . . . each | 1 | 5 | 0 |

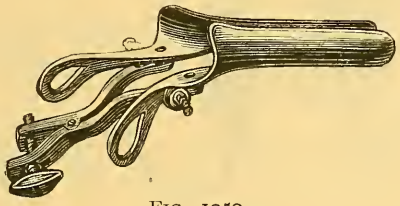


Fig. 1050.

| | | | |
|---|---|---|---|
| Reeves' (*Fig.* 1050) . . . . . each | 1 | 12 | |

*This is also suitable for use as a Rectum Speculum.*

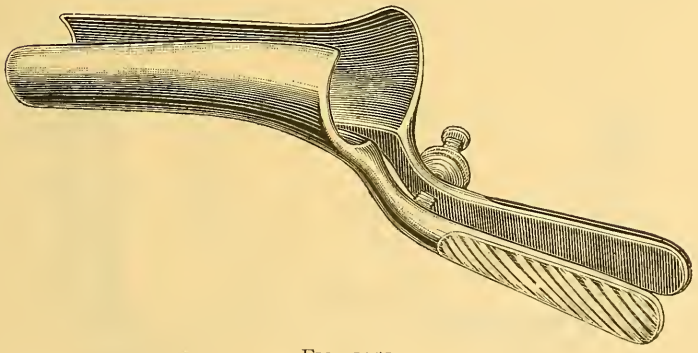


Fig. 1051.

| | | | |
|---|---|---|---|
| Ricord's (*Fig.* 1051) . . . . . each | 0 | 12 | 0 |
| Roper's modification of Neugabauer's . . . „ | 1 | 4 | 0 |

## Uterine and Vaginal Instruments, *continued.*

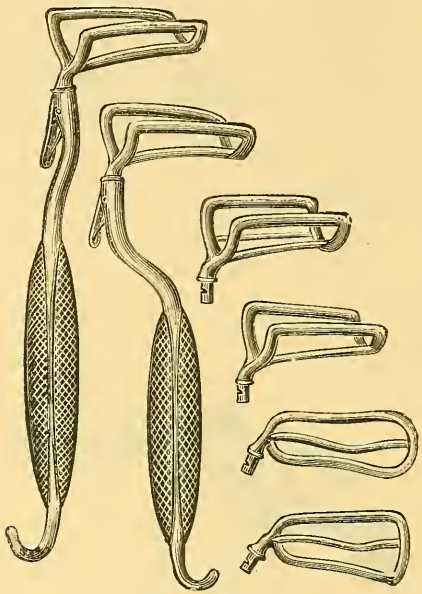


Fig. 1052.

| Vaginal Specula, *continued,*— | £ | s. | d. |
|---|---|---|---|
| Simons', consisting of 2 handles and 6 fenestrated blades (*Fig.* 1052) . . . . . per set | 2 | 10 | 0 |
| Ditto, improved, consisting of 2 handles and 8 solid blades (*Fig.* 1053) . . . . . per set | 2 | 10 | 0 |

Fig. 1054.

| | | | |
|---|---|---|---|
| Sims' Duckbill (*Fig.* 1054) . . . . . each | 0 | 12 | 6 |

## Uterine and Vaginal Instruments, *continued.*

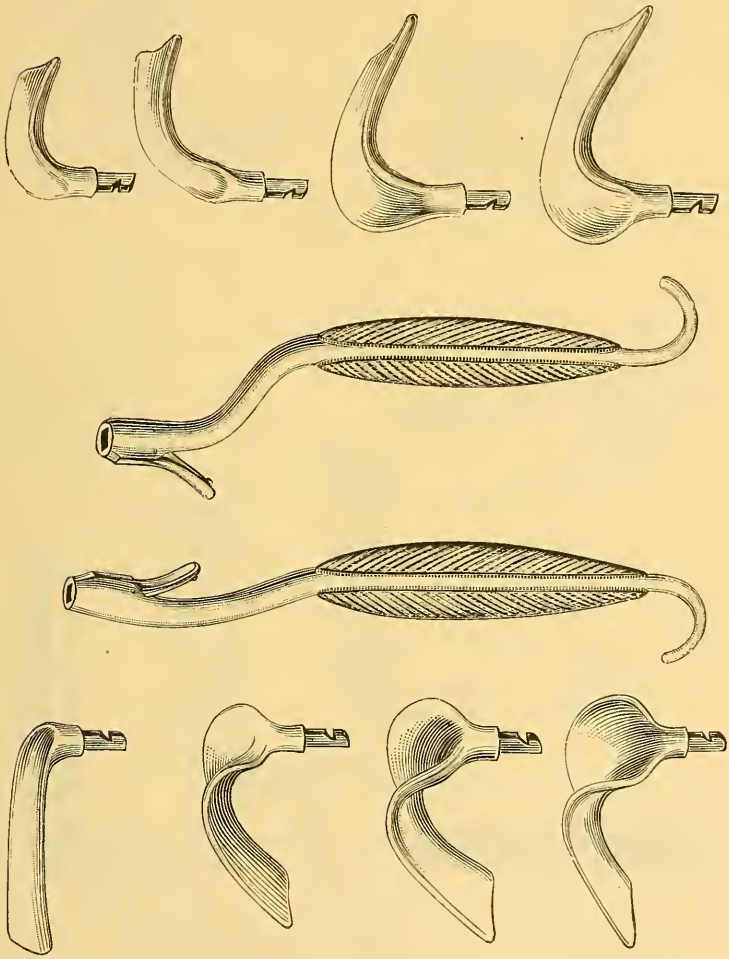


Fig. 1053.

## Uterine and Vaginal Instruments, *continued.*

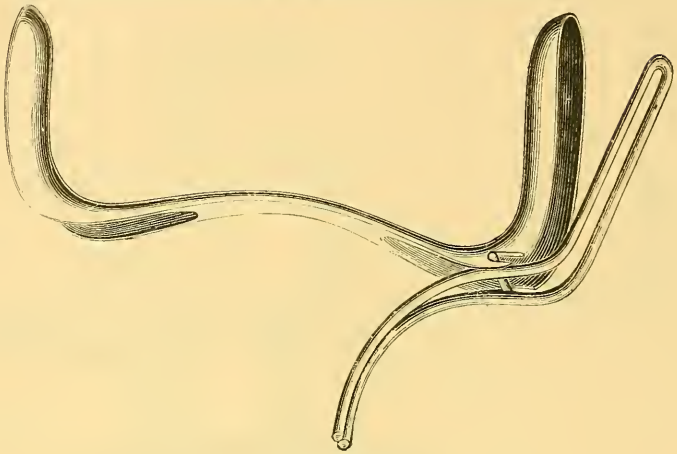


Fig. 1055.

| Vaginal Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Sims' Duckbill, extra large size . . . . each | 0 | 16 | 0 |
| Ditto, ditto, with lifting blade (*Fig.* 1055) . „ | 0 | 18 | 0 |

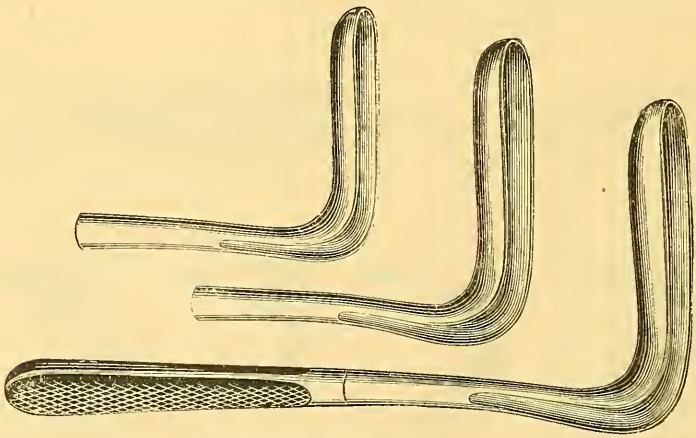


Fig. 1056.

| | | | |
|---|---|---|---|
| Ditto, ditto, set of three, fitting one handle (*Fig.* 1056) per set | 1 | 12 | 0 |
| Ditto, ditto, Galabin's, with dilating blade and short blade, to allow of digital examination of the Os (*Fig.* 1057) . . . . . each | 1 | 2 | 0 |

## Uterine and Vaginal Instruments, *continued.*

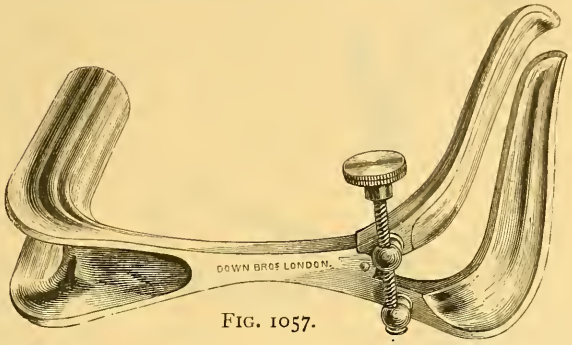



Fig. 1057.

Fig. 1058.

**Vaginal Specula,** *continued,*— £ s. d.

Sims' Duckbill, jointed, to use also as a Neugabauer's (*Fig.* 1058) . . . . . each 0 17 6

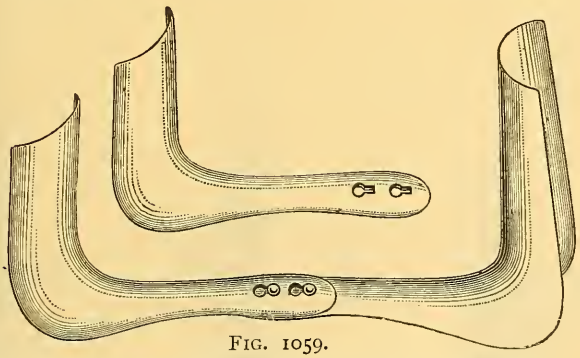


Fig. 1059.

Ditto, ditto, ditto, Heywood Smith's, with extra short blade (*Fig.* 1059). . . . . each 1 5 0

Three-bladed . . . . . „ 1 7 0

Ditto, steel . . . . . „ 2 0 0

## PESSARIES AND INTRA-UTERINE STEMS.

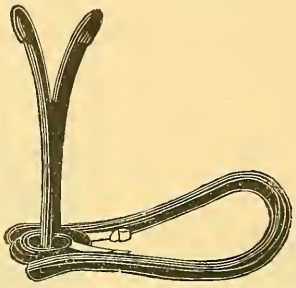


Fig. 1061.

**Intra-Uterine Stems,—**

| | £ | s. | d. |
|---|---|---|---|
| Bantock's, gilt, with Introducer (*Fig.* 1060). . each | 0 | 8 | 6 |

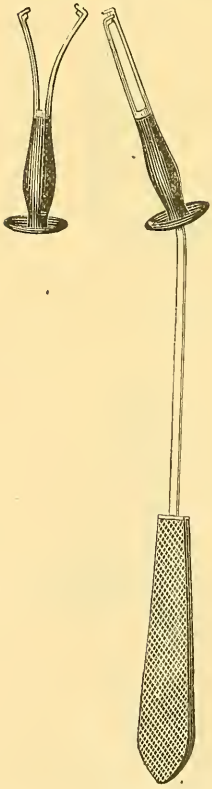


Fig. 1060.

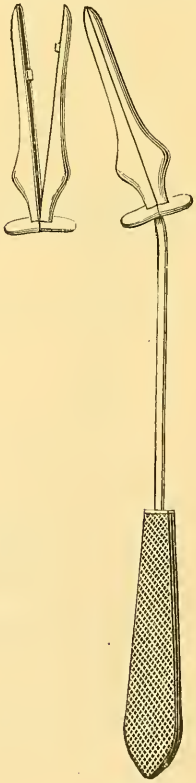


Fig. 1062.

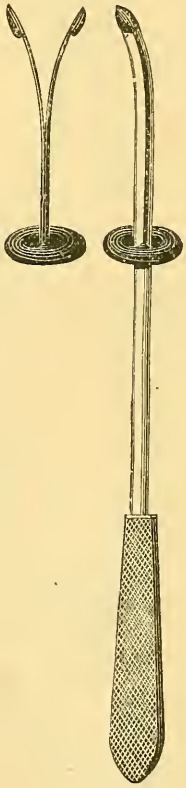


Fig 1063.

## Pessaries and Intra-Uterine Stems, *continued.*

| Intra-Uterine Stems, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Blake's modification of Meadows', with support (*Fig.* 1061) . . . . . each | 0 | 7 | 6 |
| Boulton's plated metal, with Introducer (*Fig.* 1062) „ | 0 | 8 | 6 |
| Chambers', vulcanite expanding, and Introducer (*Fig.* 1063) . . . . . each | 0 | 8 | 6 |
| Spare Stems for same . . . . . „ | 0 | 4 | 6 |

Fig. 1064.

Fig. 1065.

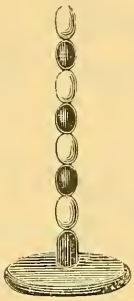


Fig. 1066.

Fig. 1067.

| | | | |
|---|---|---|---|
| Galvanic, Barnes' (*Fig.* 1064) . . . . each | 0 | 5 | 0 |
| Ditto, Greenhalgh's (*Fig.* 1065) . . . „ | 0 | 5 | 6 |
| Ditto, Peaslee's (*Fig.* 1066) . . . . „ | 0 | 6 | 6 |
| Ditto, Simpson's (*Fig.* 1067) . . . . „ | 0 | 3 | 6 |

Fig. 1068.

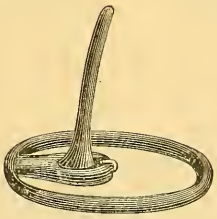


Fig. 1069.

Fig. 1070.

| | | | |
|---|---|---|---|
| Greenhalgh's, perforated vulcanite (*Fig.* 1068) . each | 0 | 2 | 6 |
| Ditto, silver . . . . . „ | 0 | 7 | 6 |
| Hewitt's (*Fig.* 1069) . . . . . „ | 0 | 5 | 6 |
| Meadows', glass (*Fig.* 1070). . . . . „ | 0 | 3 | 0 |

## Pessaries and Intra-Uterine Stems, *continued.*

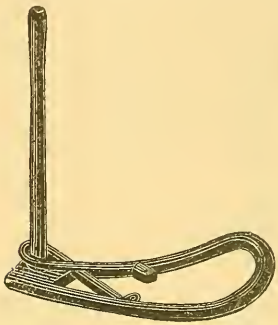


Fig. 1071.

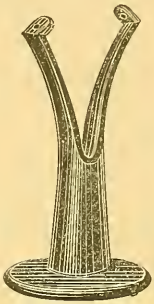


Fig. 1072.

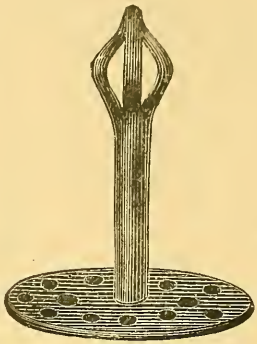


Fig. 1073.

| Intra-Uterine Stems, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Meadows', vulcanite, with support (*Fig.* 1071) | each | 0 | 5 | 0 |
| Routh's (*Fig.* 1072) | „ | 0 | 5 | 0 |
| Squarey's, india-rubber (*Fig.* 1073) | „ | 0 | 3 | 6 |

Fig. 1074.

Fig. 1075.

Fig. 1076.

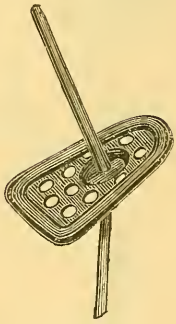


Fig. 1078.

| | | | | |
|---|---|---|---|---|
| Vulcanite expanding (*Fig.* 1074), with Introducer, | each | 0 | 5 | 6 |
| Spare Stems for same | „ | 0 | 3 | 0 |
| Vulcanite plain, curved (*Fig.* 1075) | „ | 0 | 2 | 0 |
| Ditto, ditto, straight (*Fig.* 1076) | „ | 0 | 2 | 0 |

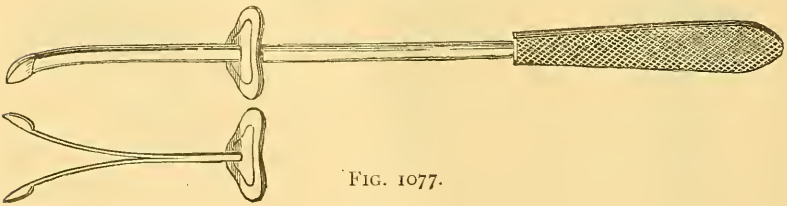


Fig. 1077.

## Pessaries and Intra-Uterine Stems, *continued.*

| Intra-Uterine Stems, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Wright's, steel, with Introducer (*Fig.* 1077) . . each | 0 | 10 | 6 |
| Spare steel Stems for same . . . . . ,, | 0 | 5 | 6 |
| Wyn Williams' (*Fig.* 1078), in 3 sizes . . . ,, | 0 | 3 | 0 |
| Ditto, with Introducer . . . . . ,, | 0 | 5 | 6 |

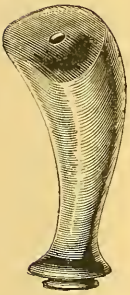


Fig. 1079.

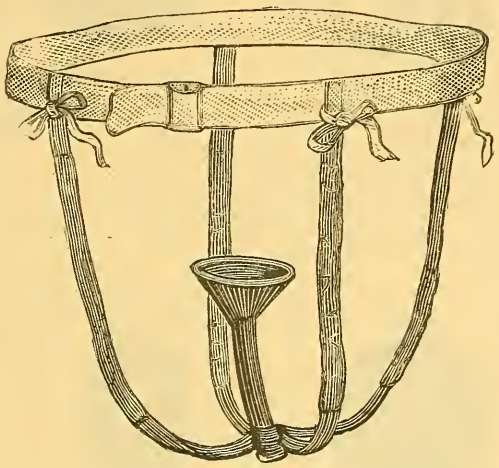


Fig. 1080.

### Pessaries,—

| | | | |
|---|---|---|---|
| Aitken's porcelain Stem (*Fig.* 1079), with bands complete . . . . . each | 0 | 4 | 6 |
| Barnes' gutta percha Stem, with bands complete (*Fig.* 1080) . . . . . each | 0 | 5 | 0 |
| Barnes' vulcanite Stem, with bands complete (*Fig.* 1080) each | 0 | 5 | 6 |
| Barnes' metal Pessaries (as *Fig.* 1103) . . per doz. | 0 | 15 | 0 |

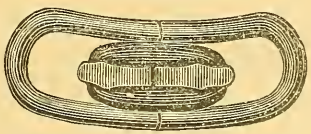


Fig. 1081.

| | | | |
|---|---|---|---|
| Barr's, vulcanite (*Fig.* 1081) . . . . each | 0 | 2 | 6 |

## Pessaries and Intra-Uterine Stems, *continued.*

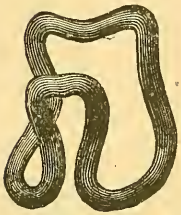


Fig. 1082.

Fig. 1083.

Fig. 1084.

| Pessaries, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Blackbee's (*Fig.* 1082) . . . . . each | 0 | 3 | 0 |
| Boxwood, flat circular (*Fig.* 1083) . . per doz. | 0 | 3 | 6 |
| Ditto, flat oval (*Fig.* 1084) . . . ,, | 0 | 6 | 6 |

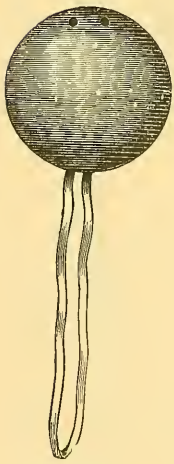


Fig. 1085.

Fig. 1086.

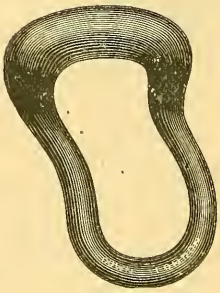


Fig. 1087.

| | | | |
|---|---|---|---|
| Boxwood, globular (*Fig.* 1085) . . . per doz. | 0 | 10 | 0 |
| Ditto, oviform (*Fig.* 1086) . . . ,, | 0 | 10 | 0 |
| Braxton Hicks', pliable wire, with solid india-rubber pads (*Fig.* 1087) . . . . . per doz. | 1 | 4 | 0 |
| Coghill's . . . . . each | 0 | 3 | 0 |

## Pessaries and Intra-Uterine Stems, *continued.*

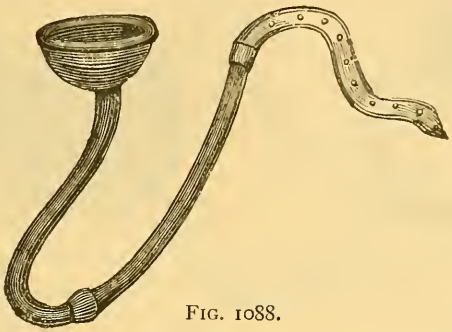


Fig. 1088.

**Pessaries,** *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| Cutter's Cup, for Prolapsus, with bands complete (*Fig.* 1088) . . . . . each | 0 | 7 | 6 |

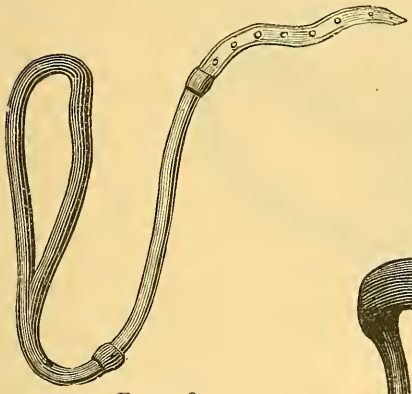


Fig. 1089.

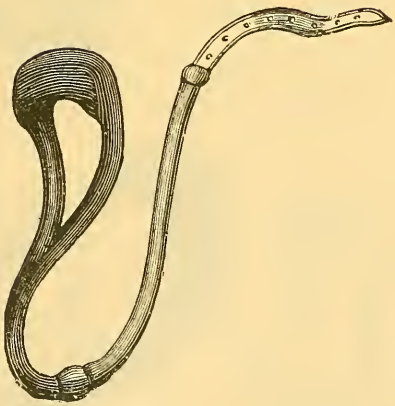


Fig. 1090.

| | | | |
|---|---|---|---|
| Cutter's Loop, for Anteversion (*Fig.* 1089), ditto . each | 0 | 7 | 6 |
| Ditto Loop, for Retroversion (*Fig.* 1090), ditto . „ | 0 | 7 | 6 |
| Ditto, ditto, Thomas's modification, ditto . . „ | 0 | 7 | 6 |

## Pessaries and Intra-Uterine Stems, *continued.*

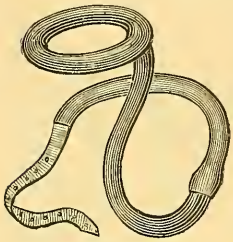


Fig. 1091.

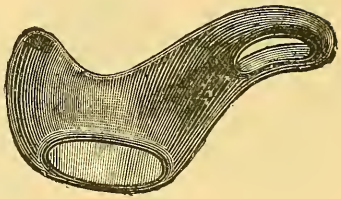


Fig. 1092.

| **Pessaries,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Cutter's Ring, for Prolapsus (*Fig.* 1091), with bands complete . . . . . each | 0 | 7 | 6 |
| Ditto, T Stem, ditto. . . . . „ | 0 | 7 | 6 |
| Duffin's boxwood Stem Pessary . . . . . „ | 0 | 6 | 0 |
| Elastic gum, flat oval, flat circular, globular, and oviform (*Figs.* 1083–6) . . . . . per doz. | 0 | 12 | 0 |
| Fowler's, vulcanite (*Fig.* 1092), in three sizes „ | 1 | 10 | 0 |

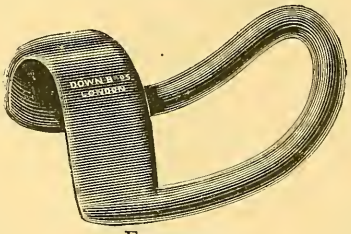


Fig. 1093.

Galabin's Cradle, for Anteversion (*Fig.* 1093) per doz. 0 18 0

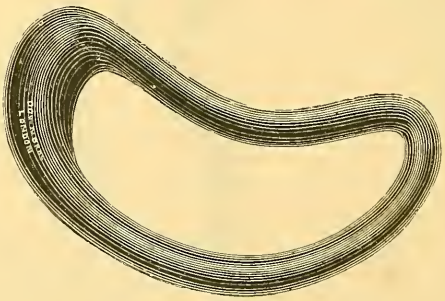


Fig. 1094.

Galabin's Prolapsus (*Fig.* 1094) . . . per doz. 0 15 0

## Pessaries and Intra-Uterine Stems, *continued.*

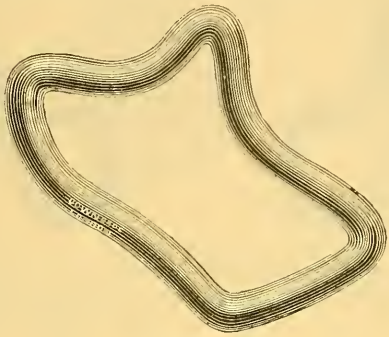


Fig. 1095.

**Pessaries,** *continued*,— £ s. d.

Gervis' Retroversion (*Fig.* 1095), per doz., vulcanite, 15*s.*; celluloid 0 18 0

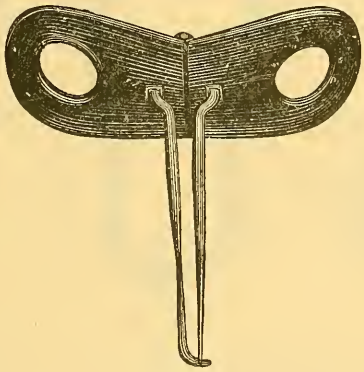


Fig. 1096.

Godson's (*Fig.* 1096) . . . . . each 0 3 6

Fig. 1097.

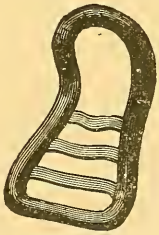


Fig. 1098.

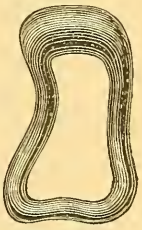


Fig. 1099.

Greenhalgh's (*Fig.* 1097), 6 sizes . . . per doz. 0 13 6

Ditto, with india-rubber bands (*Fig.* 1098) ,, 0 15 0

Ditto, with air pads (*Fig.* 1099) . . ,, 1 4 0

## Pessaries and Intra-Uterine Stems, *continued.*

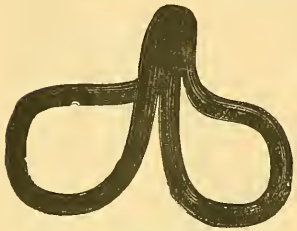


Fig. 1100.

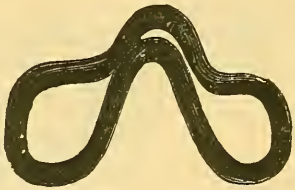


Fig. 1101.

| Pessaries, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Hewitt's Cradle, for Anteversion (*Figs.* 1100 and 1101) per doz. | 1 | 4 | 0 |

Fig. 1102.

Fig. 1103.

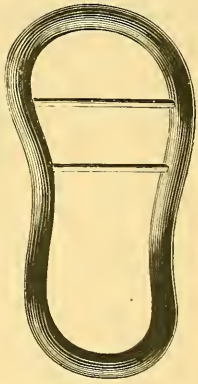


Fig. 1104.

| | | | |
|---|---|---|---|
| Hewitt's Oval Ring, vulcanite . . . per doz. | 0 | 10 | 0 |
| Ditto, Ring, for bending into any form (*Fig.* 1102) per doz., celluloid, 15*s.*; india-rubber, 12*s.*; gutta percha . . . . . | 0 | 10 | 0 |
| Ditto, Stem . . . . . each | 0 | 3 | 6 |
| Hodge's, celluloid (*Fig.* 1103) . . . per doz. | 0 | 18 | 0 |
| Ditto, ditto, flexible . . . . . ,, | 0 | 18 | 0 |
| Ditto, india-rubber covered, 12 sizes. . ,, | 0 | 12 | 0 |
| Ditto, metal (Barnes') . . . . ,, | 0 | 15 | 0 |
| Ditto, vulcanite, moulded . . . ,, | 0 | 8 | 0 |
| Ditto, ditto, hand-made . . . . ,, | 0 | 14 | 0 |
| Ditto, ditto, with bars (*Fig.* 1104) . . ,, | 0 | 12 | 0 |
| Hurd's, vulcanite . . . . . each | 0 | 3 | 6 |
| India-rubber, to inflate, flat circular, or oval, with stop-cock (*Fig.* 1105) . . . . . each | 0 | 2 | 9 |
| Ditto, ditto, globular or pear-shape, with stopcock ,, | 0 | 2 | 9 |

## Pessaries and Intra-Uterine Stems, *continued.*

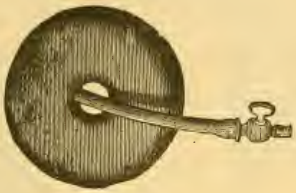


Fig. 1105.

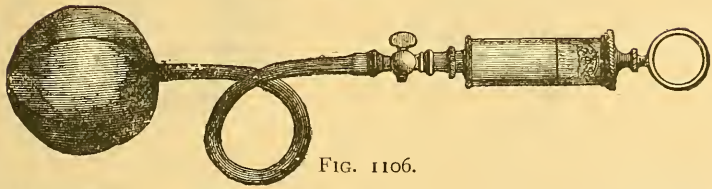


Fig. 1106.

**Pessaries,** *continued*,— £ s. d.

India-rubber, to inflate, with brass Syringe complete (*Fig.* 1106) . . . . . each 0 5 6

Fig. 1107.

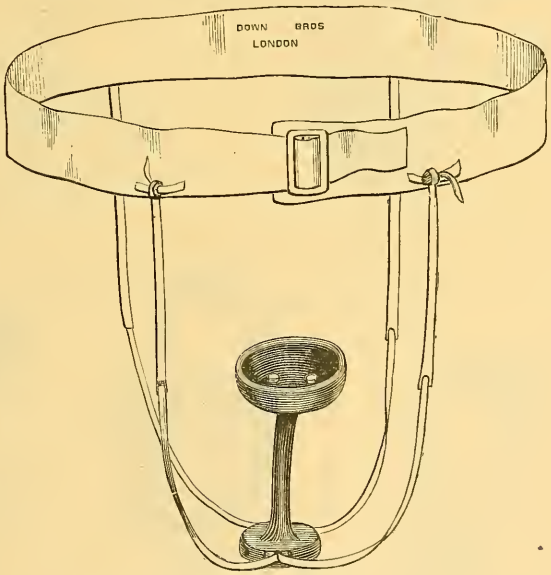



Fig. 1108.

Locock's oviform, stuffed with Moc Main (*Fig.* 1107) per doz. 0 18 0

Macintosh's vulcanite Stem, with bands complete (*Fig.* 1108) . . . . . each 0 6 0

## Pessaries and Intra-Uterine Stems, *continued.*

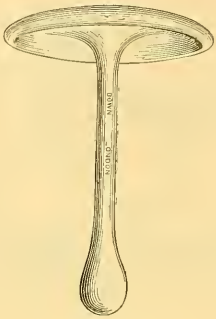


Fig. 1109.

Fig. 1110.

| Pessaries, *continued,*— | £ | s. | d. |
|---|---|---|---|
| Matthews Duncan's Disc and Stem, for Prolapsus (*Fig.* 1109) . . . . . each | 0 | 1 | 6 |
| Meyer's solid india-rubber Ring (*Fig.* 1110) . per doz. | 1 | 4 | 0 |
| Ditto, white india-rubber, for Hospitals . „ | 0 | 9 | 0 |

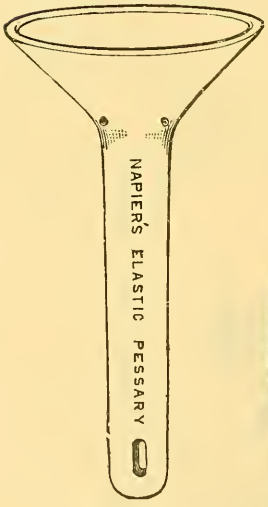



Fig. 1111.

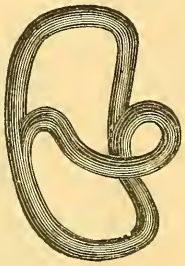


Fig. 1112.

Fig. 1113.

| | | | |
|---|---|---|---|
| Napier's india-rubber Stem (*Fig.* 1111), with bands complete . . . . . each | 0 | 6 | 0 |
| Playfair's Anteversion (*Fig.* 1112). . . per doz. | 1 | 7 | 0 |
| Schofield's vulcanite Stem, with bands complete . each | 0 | 5 | 6 |
| Simpson's vulcanite Shelf Pessary (*Fig.* 1113) per doz. | 1 | 7 | 0 |

## Pessaries and Intra-Uterine Stems, *continued.*

Fig. 1114.

Fig. 1114a.

**Pessaries,** *continued*,— £ s. d.

Thomas's Anteversion, vulcanite (*Figs.* 1114 and 1114a), per doz. 1 10 0

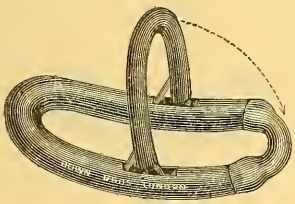


Fig. 1115.

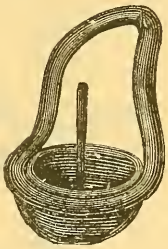


Fig. 1116.

Ditto, with india-rubber Spring (*Fig.* 1115) per doz. 1 16 0
Ditto, covered in india-rubber . . . „ 1 7 0
Ditto, ditto, Pessary, with Cup and Stem (*Fig.* 1116) each 0 3 0

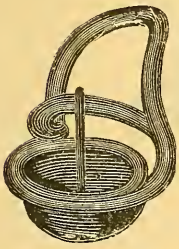


Fig. 1117.

Fig. 1118.

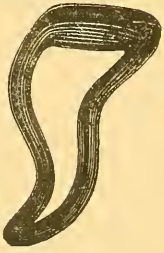


Fig. 1119.

Ditto, ditto, with lever Cup and Stem (*Fig.* 1117), each 0 4 0
Ditto, Retroflexion (*Figs.* 1118 *and* 1119) per doz. 1 10 0
Vulcanite, flat circular, in 7 sizes . . „ 0 10 0

## Pessaries and Intra-Uterine Stems, *continued.*

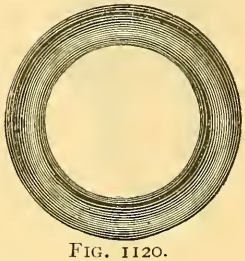


Fig. 1120.

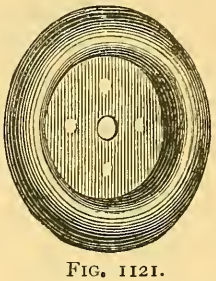


Fig. 1121.

| Pessaries, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Watch Spring (*Fig.* 1120), 12 sizes . . per doz. | 1 | 0 | 0 |
| Ditto, ditto, with diaphragm (*Fig.* 1121) . „ | 1 | 4 | 0 |
| Zwanke's gutta-percha Pessary . . . . each | 0 | 2 | 6 |
| Ditto, metal ditto . . . . . „ | 0 | 7 | 6 |

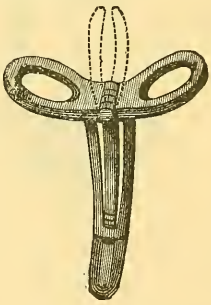


Fig. 1122.

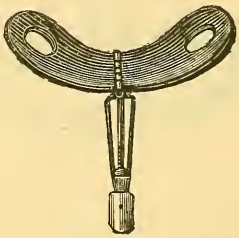


Fig. 1123.

| | | | |
|---|---|---|---|
| Zwanke's vulcanite Pessary (*Fig.* 1122) . . each | 0 | 3 | 0 |
| Ditto, ditto, ditto, and metal screws (*Fig.* 1123) „ | 0 | 3 | 6 |

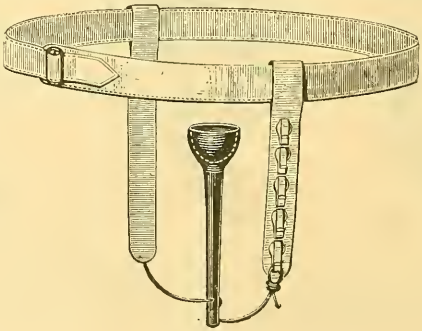


Fig. 1124.

## Pessaries and Intra-Uterine Stems, *continued.*

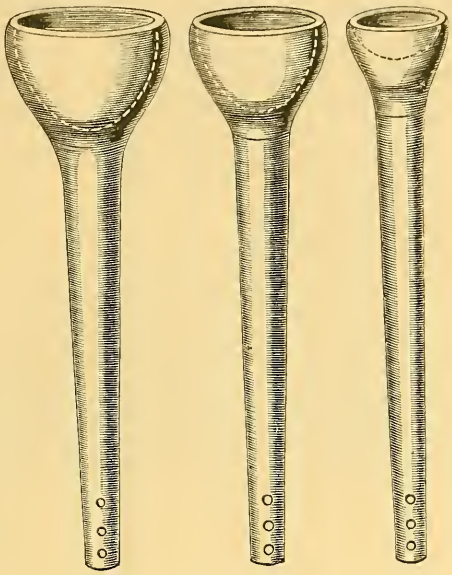


Fig. 1125.

| | £ | s. | d. |
|---|---|---|---|
| **Repositors**, for replacing inverted Uterus, Aveling's, with set of 3 ends . . . . . | 0 | 10 | 6 |
| Lawson Tait's, set of 3, with straps complete (*Figs.* 1124 and 1125) . . . . . per set | 0 | 18 | 6 |

## OVARIOTOMY AND HYSTERECTOMY INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **Acupressure Pins** (*Fig.* 35, *page* 13) . . per doz. | 0 | 3 | 0 |
| **Ascites Tubes**, Spencer Wells' . . . . each | 0 | 10 | 6 |

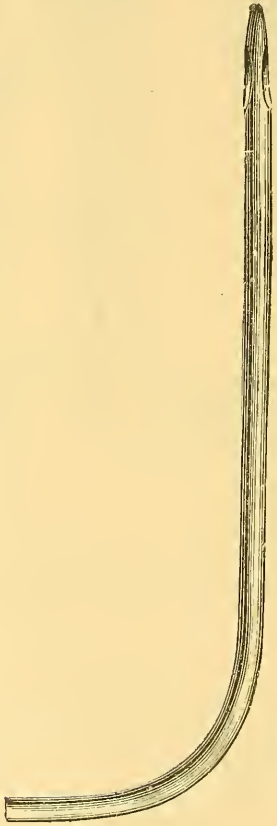


FIG. 1126.

**Lawson Tait's Tubes**, for washing out (*Fig.* 1126), 2 sizes, $\frac{7}{16}$ths and $\frac{7}{8}$ths inch. diam., each 12*s.* 6*d.* and 15*s.*

*The smaller size is used for washing out Cysts, the larger size for washing out the peritoneal cavity.*

**Cauteries,—**

Cautery Irons (*see pages* 318 and 319).

## Ovariotomy, etc., Instruments, *continued.*

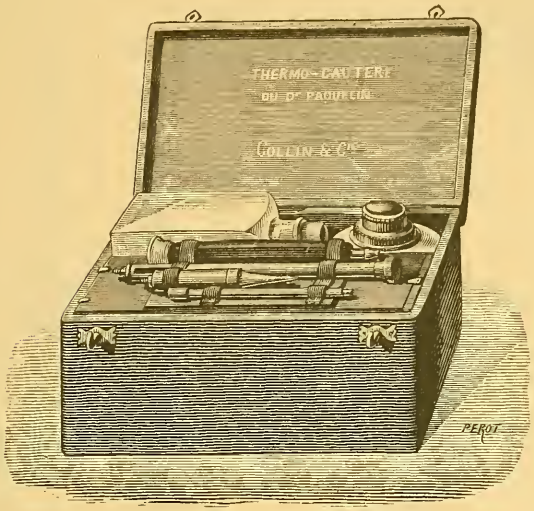
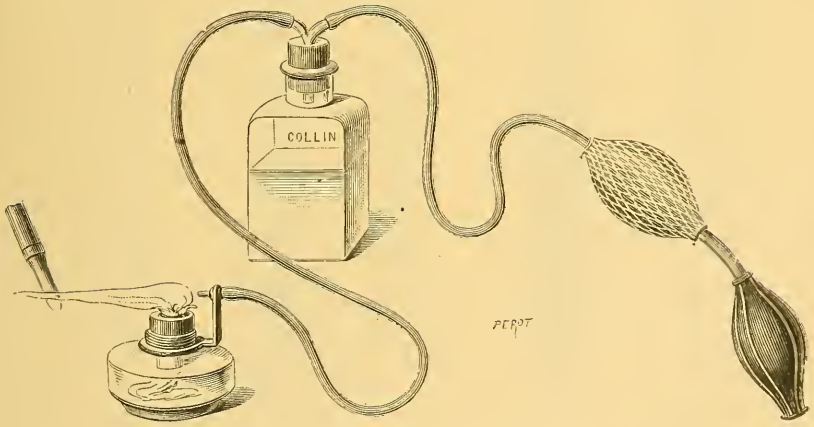



FIG. 1127.




METHOD OF USING.

| Cauteries, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Paquelin's Thermo-Cautery, with blunt and cutting points (*Fig.* 1127) . . . . . | 5 | 10 | 6 |

X

## Ovariotomy, etc., Instruments, *continued.*

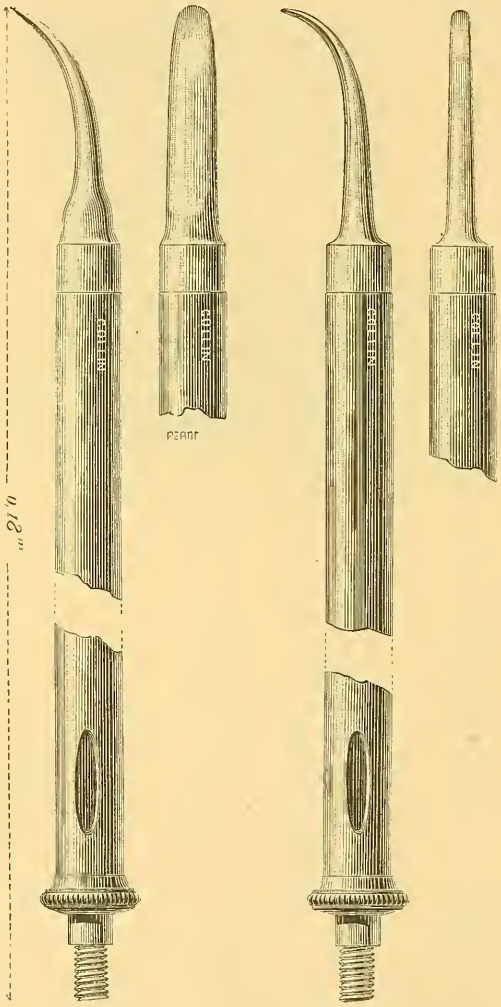



Fig. 1128. Fig. 1129.

### Cauteries, *continued*,—

| Accessories,— | £ | s. | d. |
|---|---|---|---|
| Curved point, with broad, transverse diameter for excising Neck of Uterus (*Fig.* 1128) . . each | 1 | 17 | 6 |
| Ditto, with narrow ditto (*Fig.* 1129) . . „ | 1 | 17 | 6 |

## Ovariotomy, etc., Instruments, *continued.*

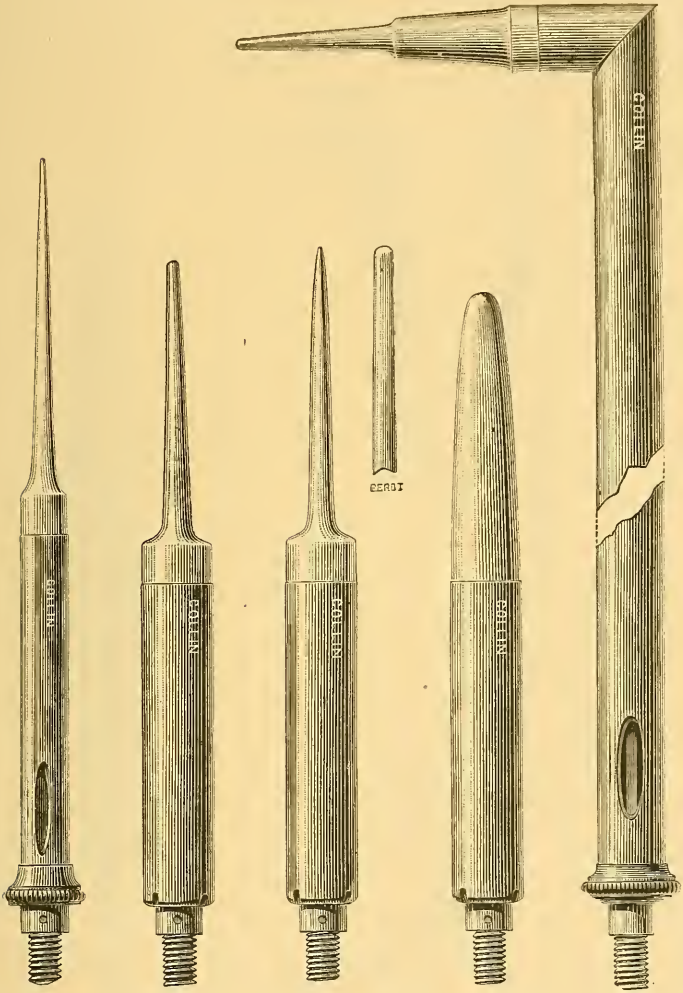


Fig. 1130. Fig. 1131. Fig. 1132. Fig. 1133. Fig. 1134.

| Accessories, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Cylindrical point (*Fig.* 1133) . . . . each | 1 | 10 | 0 |
| Extra fine point (*Fig.* 1136) curved or straight for Eye, etc. . . . . each | 1 | 5 | 0 |
| Fine and long point, for Nævi, etc. (*Fig.* 1130) . „ | 1 | 10 | 0 |
| Fine point (*Fig.* 1131) . . . . . „ | 1 | 10 | 0 |

## Ovariotomy, etc., Instruments, *continued.*

| Accessories, *continued*,— | £ | s. | d |
|---|---|---|---|
| Narrow knife (*Fig.* 1132). . . . . each | 1 | 10 | 0 |
| Rectangular conical point (*Fig.* 1134) . . „ | 1 | 17 | 6 |

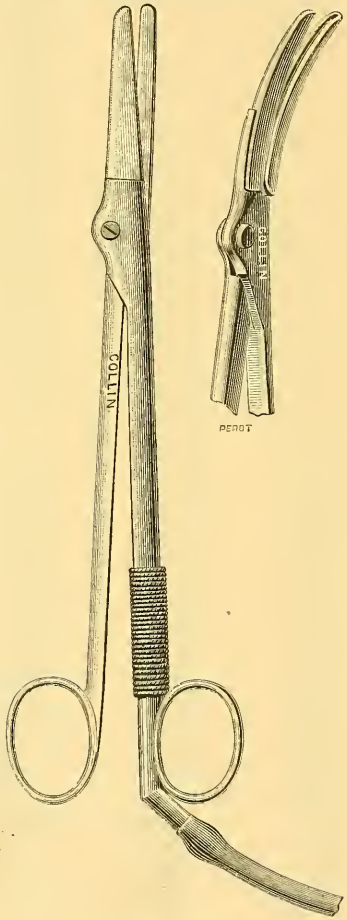



Fig. 1135.

Fig. 1136.

| | | | |
|---|---|---|---|
| Scissors, curved or straight (*Fig.* 1135) . . each | 2 | 17 | 6 |

**Clamps for Pedicle,—**

| | | | |
|---|---|---|---|
| Elder's "endless wire" for Hysterectomy (*Fig.* 1137) each | 1 | 12 | 0 |
| Guarded Pins for use with same, 4 and 5 inch, per pair | 0 | 6 | 0 |
| Hutchinson's . . . . . each | 1 | 0 | 0 |

## Ovariotomy, etc., Instruments, *continued*.

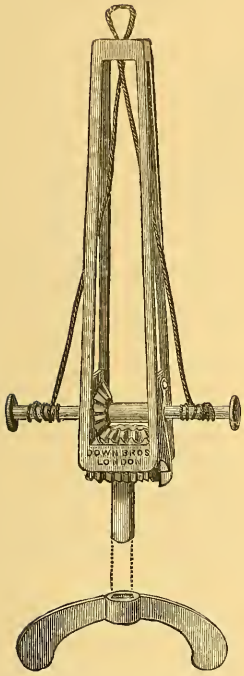



Fig. 1137.

Fig. 1138.

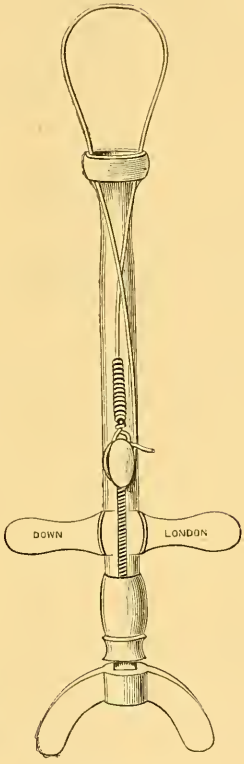



Fig. 1139.

| Clamps for Pedicle, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Koeberlé's Serré-Nœud (*Fig.* 1139) . . . each | 1 | 1 | 0 |
| Guarded Pins for use with same (*Fig.* 1138) 4 and 5 inch per pair | 0 | 6 | 0 |
| Nippers for cutting the wire . . . . each | 0 | 5 | 6 |
| Lawson Tait's Improved Circular, with spare wire „ | 1 | 12 | 0 |
| Ditto Rope Ecraseur, or temporary clamp, for Hysterectomy . . . . . each | 1 | 15 | 0 |

## Ovariotomy, etc., Instruments, *continued.*

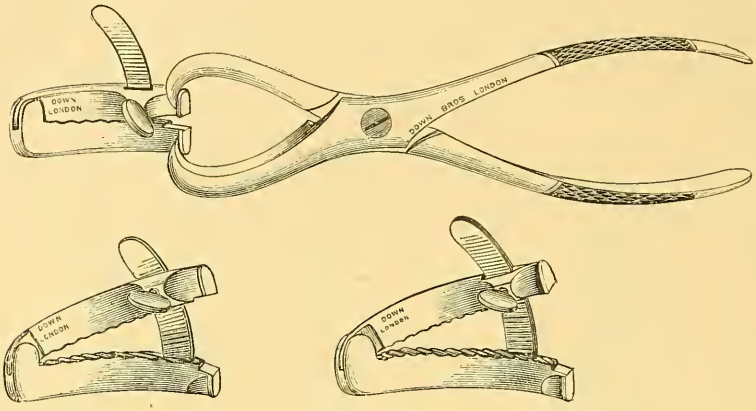



Fig. 1140.

**Clamps for Pedicle,** *continued*,— £ s. d.

Spencer Wells', consisting of Forceps and 3 Clamps (*Fig.* 1140) . . . . . each 2 5 0

Ditto Original . . . . . „ 1 5 0

*Nickel plated, 2s. each extra.*

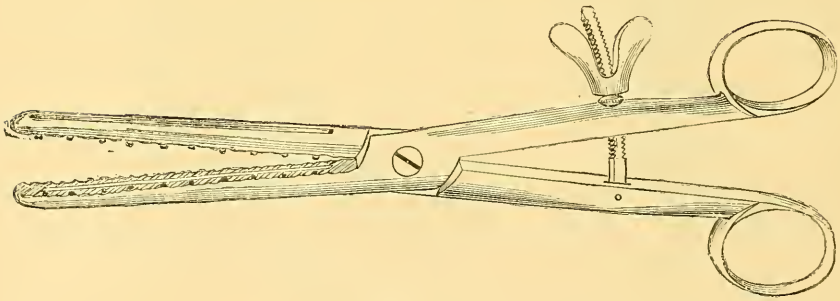


Fig. 1141.

**Clamp Forceps,** for Omentum,—

Spencer Wells' (*Fig.* 1141) . each, small, 12*s.*; large 1 2 0

*Nickel plated, 1s. each extra.*

**Compressorium Forceps,** for Pedicle,—

Spencer Wells', curved (*Fig.* 1142) . . . each 0 10 0

Ditto, rectangular . . . . . „ 0 12 0

Ditto, straight . . . . . „ 0 9 0

*Nickel plated, 1s. each extra.*

## Ovariotomy, etc., Instruments, *continued.*

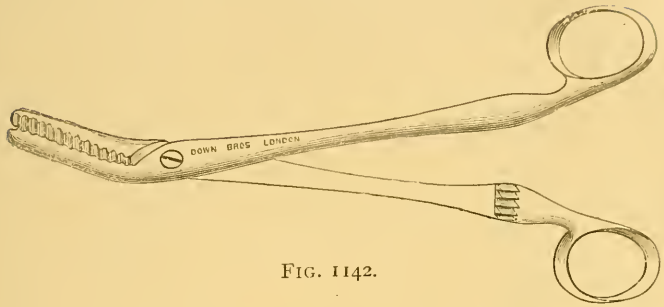



Fig. 1142.

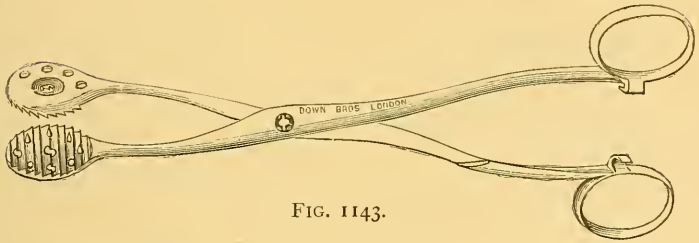



Fig. 1143.

| | £ | s. | d. |
|---|---|---|---|
| **Cyst Forceps**, Nélaton's (1143) . . . . each | 0 | 13 | 0 |

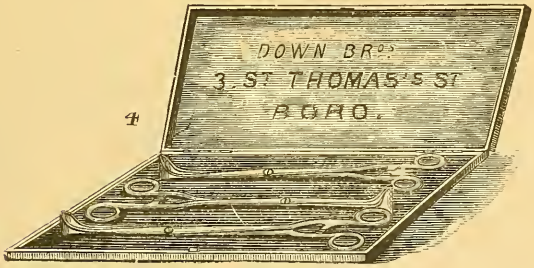



Fig. 1144.

| | | | | |
|---|---|---|---|---|
| Sydney Jones's (*Fig.* 1144) . . . . . each | 0 | 15 | 0 |
| Ditto, the set complete in case. . . . . | 2 | 15 | 6 |

*Nickel plated,* 1*s. each extra.*

**Ovariotomy, etc., Instruments,** *continued.* £ s. d.

Directors, Key's (*Fig.* 91, *page* 22) . . . each 0 4 0

Fig. 1145.

Drainage Tubes, Keith's, glass (*Fig.* 1145). per doz. 0 9 0
Square Sheets of pure India Rubber, to use with same each 0 3 0

Ecraseurs (*see pages* 254–256).

Forceps,—
Long spring, serrated ends . each, 4*s.* 6*d.*; with catch (*Fig.* 236, *page* 59) . . . . . 0 5 6
Ditto, ditto, tenaculum points . each, 4*s.* 6*d.*; with catch (*Fig.* 237, *page* 59) . . . . . 0 5 6
Ditto, ditto, with double tenaculum points (*Fig.* 238, *page* 59) . . . . . each 0 6 6
Masslowski's . . . . . „ 0 15 0
Vulsellum (*see pages* 258–261).

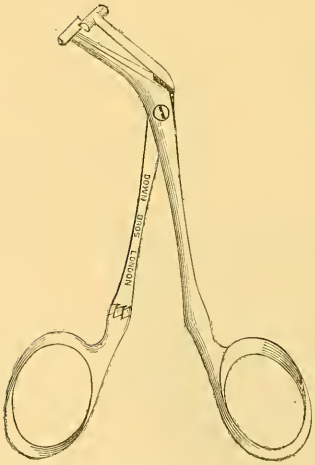



Fig. 1146.

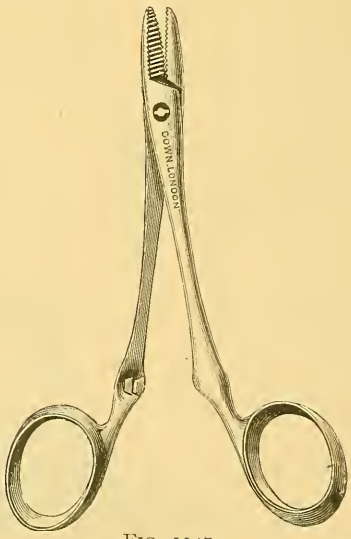



Fig. 1147.

Hæmostatic Forceps,—
Elder's Forceps (*Fig.* 1146). . . . . each 0 8 6
Lawson Tait's take-off joints (*Fig.* 1147) . . „ 0 5 6
Ditto, with screw joints . . . . . „ 0 5 0

## Ovariotomy, etc., Instruments, *continued.*

Fig. 1148.

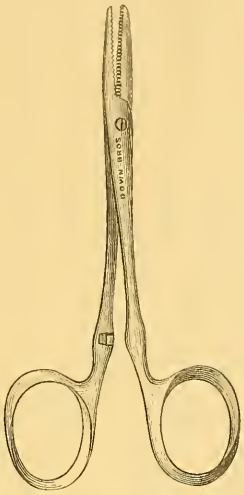


Fig. 1149.

| **Hæmostatic Forceps,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Spencer Wells' Original (*Fig.* 1148) . . . each | 0 | 4 | 6 |
| Ditto, improved (*Fig.* 1149) . . . . „ | 0 | 4 | 6 |
| Ditto, 6 inch . . . . . „ | 0 | 6 | 6 |
| Ditto, angular or curved on flat . . . „ | 0 | 5 | 6 |

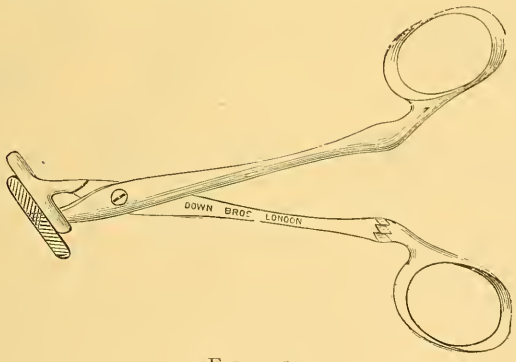



Fig. 1150.

Thornton's " T " shape (*Fig.* 1150), 2 sizes, each, 6*s.* 6*d.* and 0 8 6

*All the above are Nickel plated.*

## Ovariotomy, etc., Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Lancet**, broad, for making incision before inserting Ascites tube . . . . . each | 0 | 2 | 0 |

Fig. 1151.

| | | | |
|---|---|---|---|
| **Needles**, Spencer Wells' (*Fig.* 62, *page* 13) . per doz. | 0 | 2 | 6 |
| With handles for Abdominal Sutures . . . each | 0 | 5 | 0 |
| Ditto, blunt-ended, in handle, for the Pedicle (*Fig.* 1151) . . . . . each | 0 | 6 | 0 |
| With handles, for abdominal sutures (*Figs.* 98 *and* 99, *page* 24) . . . . . each | 0 | 5 | 0 |
| **Needle-holders** (*see pages* 275–277). | | | |

Fig. 1152.

| | | | |
|---|---|---|---|
| **Peritoneum Hook**, Adams' (*Fig.* 1152) . . each | 0 | 4 | 0 |
| **Silk Twist** (*Fig.* 33, *page* 12) . . . per hank | 0 | 0 | 9 |
| **Spencer Wells' Case Books** . . . per doz. | 0 | 12 | 0 |
| **Sponges** (*see page* 525). | | | |

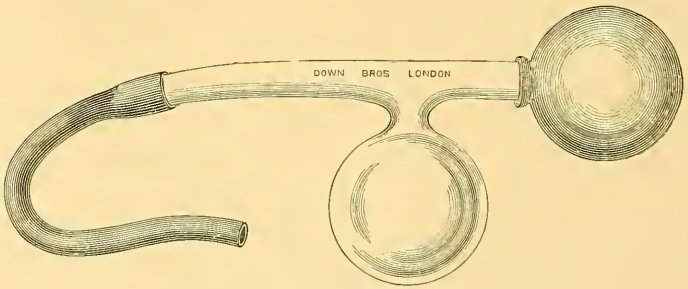



Fig. 1153.

| | | | |
|---|---|---|---|
| **Suction Syringe**, Lawson Tait's, with india-rubber Ball (*Fig.* 1153) . . . . . each | 0 | 2 | 3 |
| **Trocars**,— | | | |
| Bryant's Trocar, with hooks . . . . each | 2 | 5 | 0 |
| Exploring, long fine . . . . . „ | 0 | 8 | 6 |
| Fitch's Trocars, with dome-shaped ends (*Fig.* 1154), three sizes . . . each, 21*s.*; 25*s.*; and | 1 | 10 | 0 |

## Ovariotomy, etc., Instruments, *continued.*

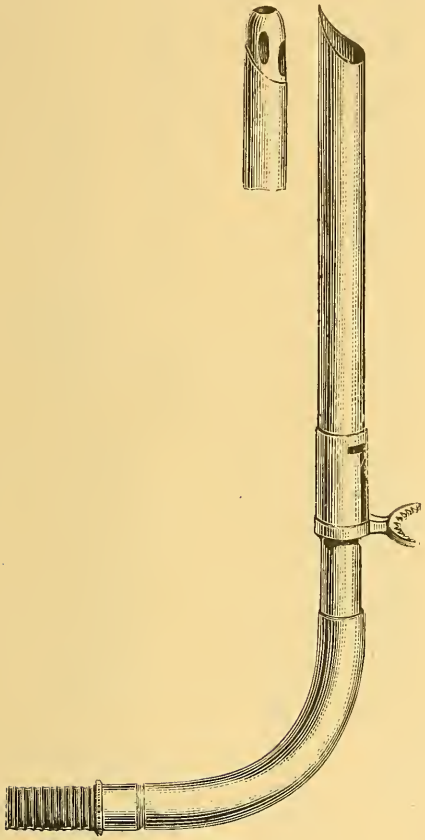


Fig. 1154.

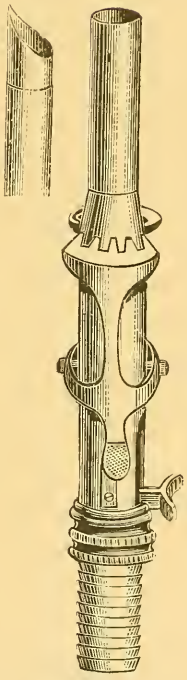


Fig. 1155.

| Trocars, *continued*,— | £ | s. | d |
|---|---|---|---|
| Spencer Wells' Trocars, with hooks for securing the Cyst (*Fig.* 1155) . . . . . each | 1 | 13 | 0 |
| Ditto, ditto, improved, with curved end (*Fig.* 1156) each | 2 | 2 | 0 |

## Ovariotomy, etc., Instruments, *continued.*

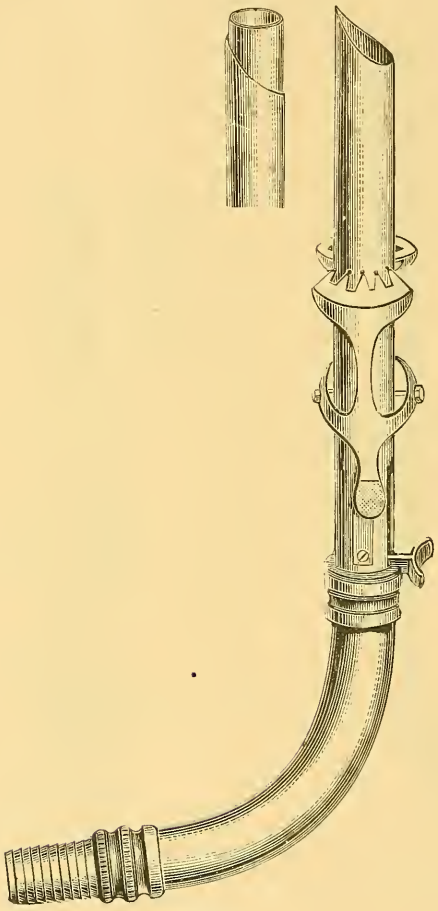


Fig. 1156.

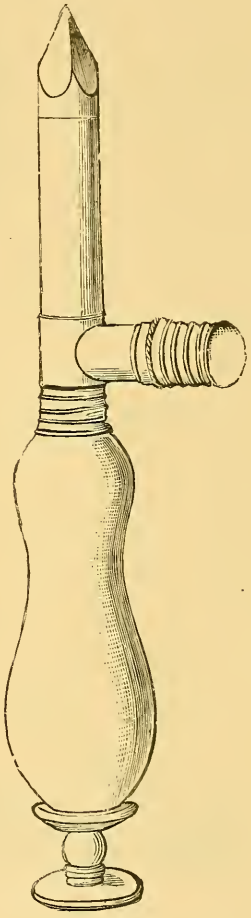


Fig. 1157.

**Trocars,** *continued,*— £ s. d.

Spencer Wells' Syphon side-branch Trocars (*Fig.* 1157), four sizes each . . . 18*s.* 6*d.*; 21*s.*; 23*s.*; and 1 6 0

Lawson Tait's . . . . . each 2 12 0

## RECTUM INSTRUMENTS.

Fig. 1158.

Fig. 1159.

Fig. 1160.

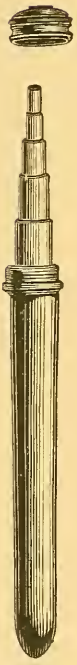


Fig. 1161.

| | £ | s. | d. |
|---|---|---|---|
| **Allingham's Instrument for applying elastic ligature** . . . . . each | 1 | 1 | 0 |
| **Bougies,—** | | | |
| Elastic gum, cylindrical (*Fig.* 1158) . . per doz. | 1 | 0 | 0 |
| Ditto, soft black, cylindrical . . . „ | 1 | 12 | 0 |
| Ditto, ditto, bulbous (*Fig.* 1159) . . „ | 2 | 14 | 0 |
| Ditto, ditto, conical (*Fig.* 1160) . . „ | 2 | 5 | 0 |
| Vulcanite, in nest of 6 (*Fig.* 1161) . . per set | 0 | 7 | 6 |

## Rectum Instruments, *continued.*

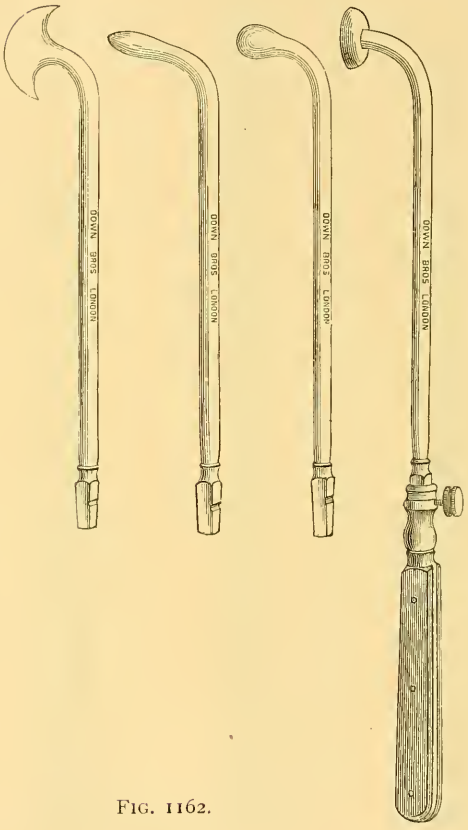



Fig. 1162.

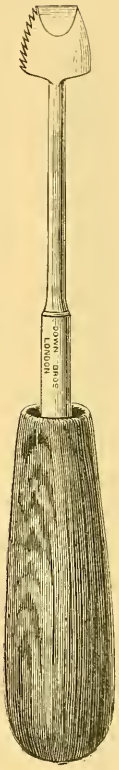



Fig. 1163.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Cautery Irons** . . . . . | each | 0 | 5 | 6 |
| Corrigan's, with Spirit Lamp, in case . . . | ,, | 0 | 8 | 6 |
| Set of 4, to screw into one handle (*Fig.* 1162) | in case | 0 | 14 | 6 |
| Smith's, with serrated edges (*Fig.* 1163) . . | each | 0 | 5 | 6 |

**Rectum Instruments,** *continued.*

FIG. 1164.

**Cautery Irons,** *continued,*— £ s. d.

Telescopic (*Fig.* 1164) . . . . . each 0 5 6

Thermo-Cautery, Paquelin's (*see page* 305).

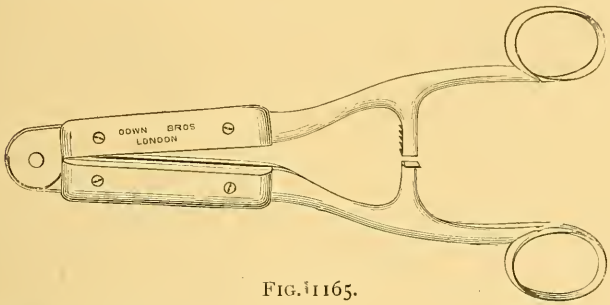



FIG. 1165.

**Clamps,**—

Allingham's (*Fig.* 1165) . . . . . each 0 18 6

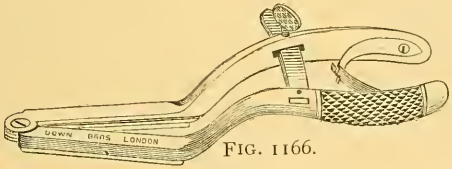



FIG. 1166.

Gowlland's (*Fig.* 1166) . . . . . each 0 15 6

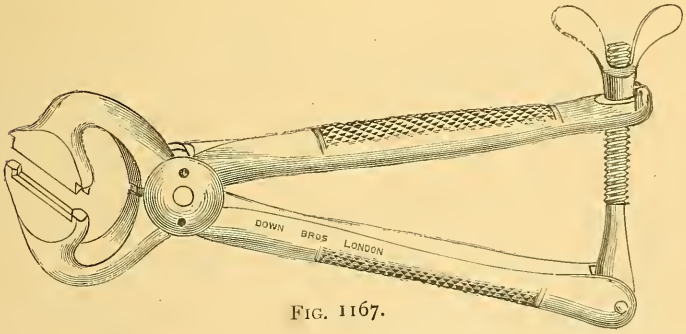



FIG. 1167.

Pollock's, for crushing, vice pattern (*Fig.* 1167) . each 1 10 0

## Rectum Instruments, *continued.*

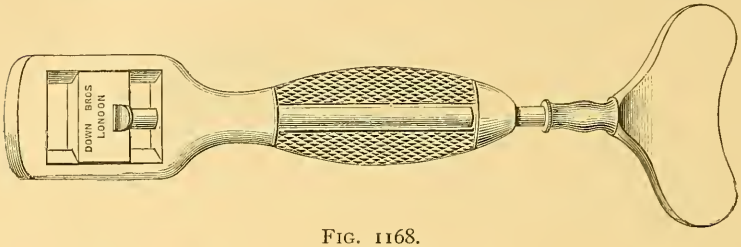



Fig. 1168.

**Clamps,** *continued,*— £ s. d.

Screw pattern, for Pollock's operation (Allingham's) (*Fig.* 1168) . . . . . each 1 10 0

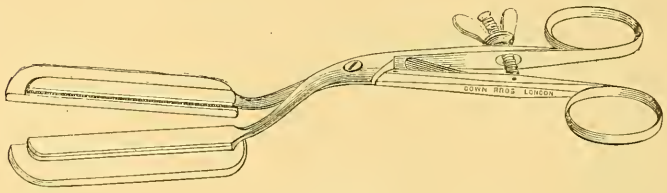



Fig. 1169.

Smith's (*Fig.* 1169) . . . . . each 0 17 6

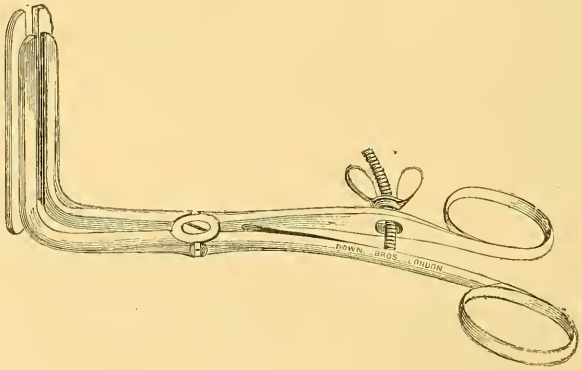



Fig. 1170.

Smith's, with handles at right angle to blades (*Fig.* 1170) . . . . . each 1 5 0

Sydney Jones's, parallel (*Fig.* 1171) . . . „ 1 2 6

*All the above are Nickel plated.*

## Rectum Instruments, *continued.*

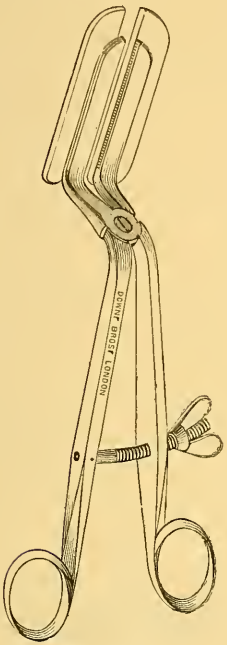



Fig. 1171.

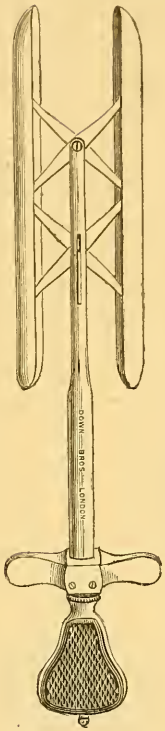



Fig. 1172.

| | £ | s. | d. |
|---|---|---|---|
| **Dilators,** Durham's . . . . . each | 2 | 5 | 0 |
| „ Todd's (*Fig.* 1172) . . . . . „ | 1 | 18 | 0 |

Fig. 1173.

**Directors,—**

| | | | |
|---|---|---|---|
| Allingham's (*Fig.* 1173) . . . . . each | 0 | 2 | 6 |

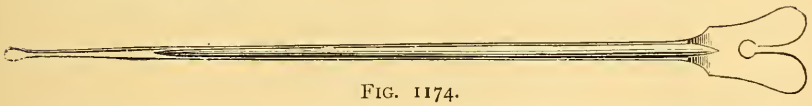


Fig. 1174.

| | | | |
|---|---|---|---|
| Brodie's, silver (*Fig.* 1174) . each, 5½-in., 5*s.* 6*d.*; 8-in. | 0 | 8 | 6 |
| „ steel . . . . . each | 0 | 4 | 0 |
| Gowlland's . . . . . „ | 0 | 6 | 6 |

## Rectum Instruments, *continued.*

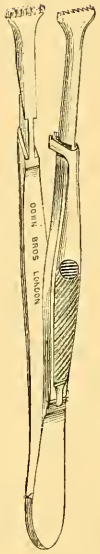



Fig. 1175.

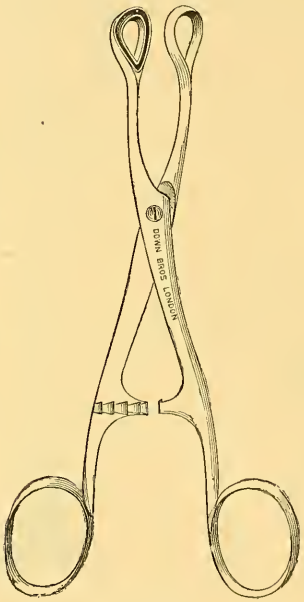



Fig. 1176.

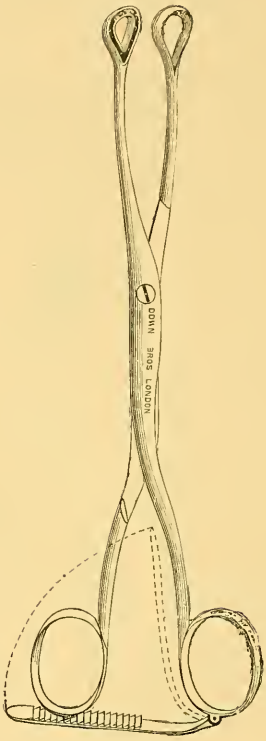



Fig. 1177.

| Forceps,— | £ | s. | d. |
|---|---|---|---|
| Bryant's, with side teeth . . . . each | 0 | 7 | 6 |
| ,, with slide (*Fig.* 1175) . . . . ,, | 0 | 13 | 6 |
| Fenestrated, with rack (*Fig.* 1176) . . . ,, | 0 | 8 | 6 |
| Ditto, ditto, large size . . . . . ,, | 0 | 11 | 6 |
| Ditto, with rack on handle (*Fig.* 1177) . . ,, | 0 | 13 | 6 |
| Ditto, with rack on handle, and take-off joint, small jaws . . . . . each | 0 | 13 | 6 |

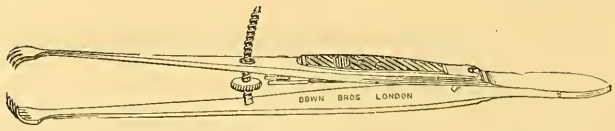



Fig. 1178.

Guy's pattern, spring vulsellum (*Fig.* 1178) . . each 0 13 6

## Rectum Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Forceps,** *continued,*— | | | |
| Vulsellums, straight, curved, or curved on flat (*Fig.* 329, *page* 84) . . . . . each | 0 | 5 | 6 |
| Ditto, curved (*Fig.* 330, *page* 84) . . . „ | 0 | 5 | 6 |
| Ditto, cross-action, straight, or with side-teeth (*Fig.* 331, *page* 84) . . . . . each | 0 | 7 | 6 |
| Ditto, extra strong, with rack, Curling's (*Fig.* 959, *page* 261) . . . . . each | 0 | 11 | 6 |
| Ditto, hawk's-foot pattern (*Fig.* 332, *page* 84), nickel each | 0 | 8 | 6 |
| Willcox's, spring . . . . . „ | 0 | 6 | 6 |
| Ditto, with fixing screw . . . . . „ | 0 | 12 | 6 |
| Ditto, with spring catch (*Fig.* 148, *page* 34) . „ | 0 | 12 | 6 |
| *Nickel plated, 1s. extra.* | | | |
| **Hooks,** Salmon's, for dragging down Piles . . each | 0 | 7 | 6 |
| **Needles,** in handles (*Fig.* 100, *page* 24) . . „ | 0 | 2 | 0 |
| „ curved right and left . . . . „ | 0 | 6 | 6 |

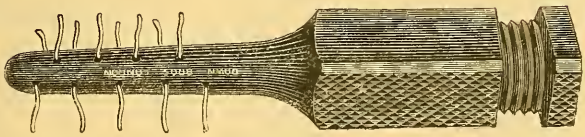


Fig. 1179.

| | | | |
|---|---|---|---|
| **Ointment Introducers,** Allingham's (*Fig.* 1179), box-wood, *2s. 6d.*; vulcanite . . . . each | 0 | 5 | 6 |

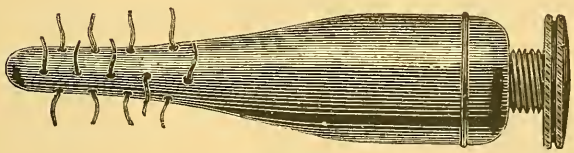


Fig. 1180.

| | | | |
|---|---|---|---|
| Ditto, ditto, American pattern (*Fig.* 1180), vulcanite each | 0 | 4 | 0 |

## Rectum Instruments, *continued.*

Fig. 1181.

Fig. 1182.

| | £ | s. | d. |
|---|---|---|---|
| **Plugs, Rectum,** elastic gum (*Fig.* 1181) . . each | 0 | 2 | 3 |
| Ivory . . . . . „ | 0 | 2 | 0 |
| Metal . . . . . „ | 0 | 1 | 6 |
| Vulcanite (*Fig.* 1182) . . . . . „ | 0 | 2 | 6 |

**Prolapsus Pads,** with bands (*see page* 481).

**Prolapsus Trusses** (*see pages* 481, 482).

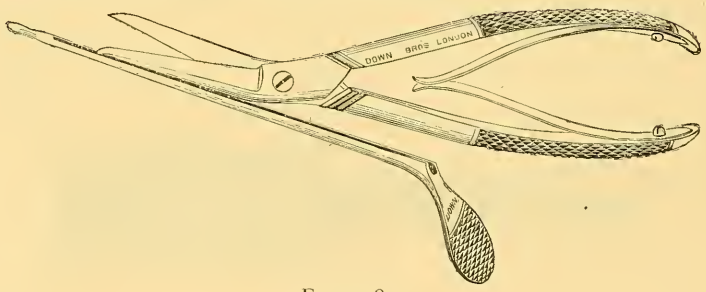



Fig. 1183.

**Scissors,** Allingham's, with Director (*Fig.* 1183) . each 1 2 6

Fig. 1184.

| | | | |
|---|---|---|---|
| Fergusson's (*Fig.* 1184) . . . . . each | 0 | 7 | 6 |
| Richardson's, serrated blades . . . . „ | 0 | 10 | 6 |
| Salmon's . . . . . „ | 0 | 15 | 0 |
| H. Smith's . . . . . „ | 0 | 7 | 6 |
| **Scoops,** for removing deposits of fœcal matter (*Fig.* 1185) . . . . . each | 0 | 5 | 6 |

**Silk, etc.,** for tying (*see page* 12).

## Rectum Instruments, *continued.*

Fig. 1185.

Fig. 1186.

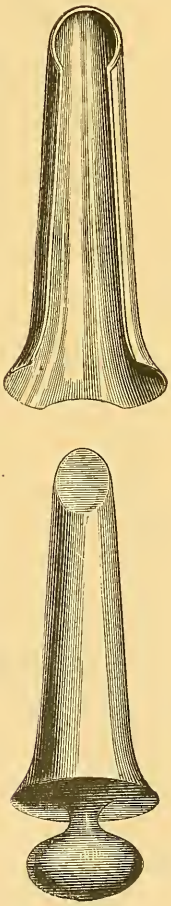


Fig. 1187.

| Rectum Instruments, *continued.* | £ | s. | d. |
|---|---|---|---|
| **Sinus Dilator,** Bigelow's (*Fig.* 77, *page* 19), nickel plated . . . . . each | 0 | 12 | 6 |
| **Suppositories, Medicated,** 15-grain, in 3-doz. boxes, per box . . . . . | 0 | 2 | 6 |

(*Except those specially marked* *.)

Acetate of Lead, 2 grs.
* Aloin and Soap, 1 and 5 grs. (2*s.* 9*d.*)
Ergot of Rye, 2 drops of Oil of Ergot.
Ext. Belladonna, 2 grs.
Gamboge, 5 grs.
Mercurial Ointment, 5 grs. (B.P. 1867).
Morphia, ½ gr. (B.P. 1867).
* Morphia, ¼ and 1 gr. (3*s.*)
Lead and Opium, 3 and 1 gr. (B.P. 1867).
Opium, 1 and 2 grs.
Oxide of Zinc, 8 grs.
Powd. Gall and Opium, 3 and 1 gr.
* Santonine, 3 grs. (3*s.* 9*d.*)
Tannic Acid, 3 grs. (B.P. 1867).

| | | | |
|---|---|---|---|
| **Suppository Tubes,** bone (*Fig.* 1186) . per doz. | 0 | 9 | 0 |
| Glass . . . ( „ ) . „ | 0 | 15 | 0 |
| Vulcanite . . . ( „ ) . „ | 1 | 1 | 0 |

## RECTUM SPECULUMS.

| Specula,— | £ | s. | d. |
|---|---|---|---|
| Allingham's (*Fig.* 1187) . . . . . each | 0 | 9 | 6 |
| „ 4-blade (modification of Meadows') . „ | 2 | 12 | 6 |

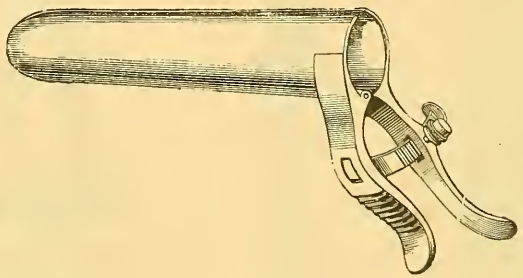


Fig. 1188.

| | | | |
|---|---|---|---|
| Bivalve, hinged (*Fig.* 1188) . . . . . each | 0 | 13 | 6 |

**Rectum Speculums,** *continued.*

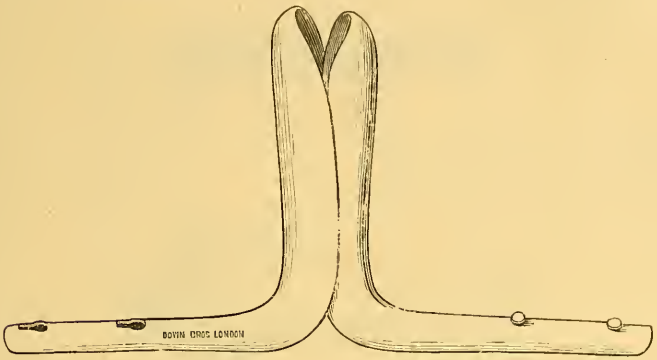



Fig. 1189.

| | £ | s. | d. |
|---|---|---|---|
| **Specula,** *continued,*— | | | |
| Bryant's (*Fig.* 1189) . . . . . each | 0 | 17 | 6 |

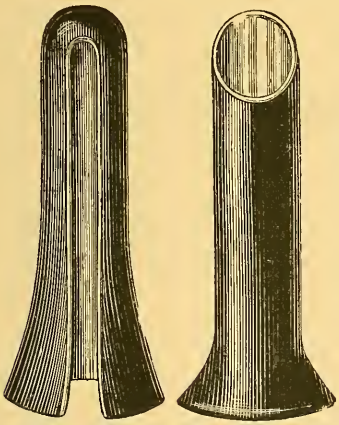


Fig. 1191.



Fig. 1192.

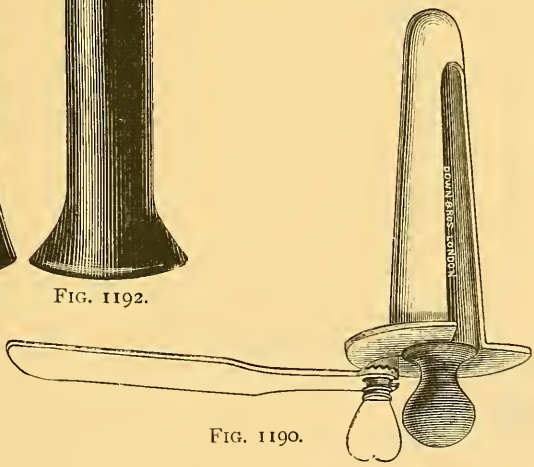



Fig. 1190.

| | | | |
|---|---|---|---|
| Curling's (*Fig.* 1190) . . . . . each | 0 | 13 | 6 |
| Durham's . . . . . ,, | 1 | 1 | 0 |
| Fergusson's, glass, with opening at side or at end (*Figs.* 1191 *and* 1192) . . . . . each | 0 | 3 | 0 |

**Rectum Speculums,** *continued,*

Fig. 1193.

**Specula,** *continued,*— £ s. d.

Gowlland's (*Fig.* 1193), in 3 sizes . . . each 0 9 6

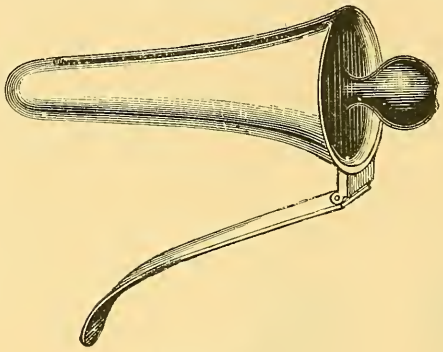


Fig. 1194.

Hilton's (*Fig.* 1194) . . . . . each 0 10 6

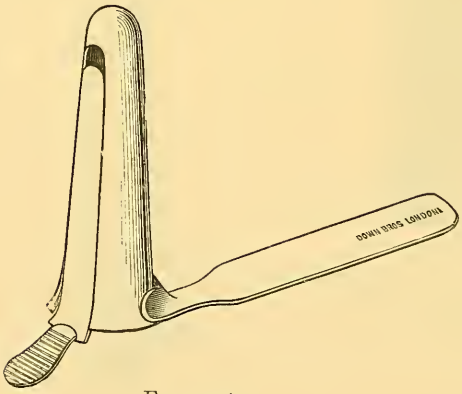



Fig. 1195.

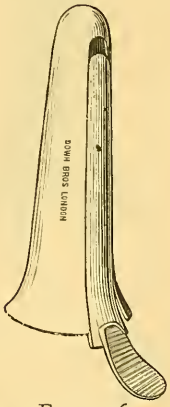



Fig. 1196.

Hilton's, with sliding blade (*Fig.* 1195) . each 0 17 6

Ditto, modified by Mr. Bryant (*Fig.* 1196) . „ 0 15 6

Lane's, three-bladed . . . . . „ 2 2 0

## Rectum Speculums, *continued.*

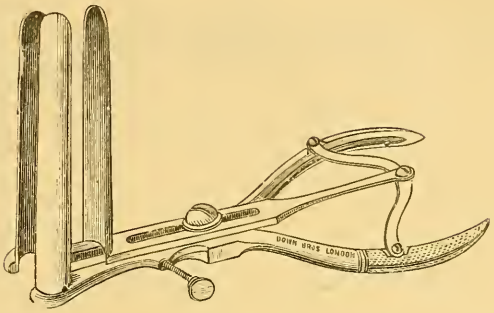



Fig. 1197.

| Specula, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Mathieu's, three-bladed (*Fig.* 1197) . . . each | 1 | 10 | 0 |

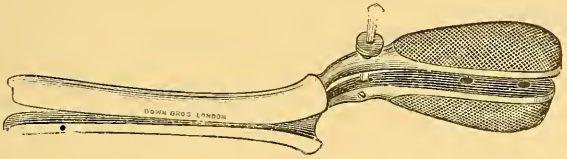



Fig. 1198.

| | | | |
|---|---|---|---|
| Ricord's (*Fig.* 1198) . . . . . each | 0 | 11 | 0 |
| Reeves' (*Fig.* 1051, *page* 285) . . . . „ | 1 | 12 | 6 |

## COLOTOMY, ENTERECTOMY, AND GASTROSTOMY INSTRUMENTS AND APPLIANCES.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Colotomy Plug and Belt,** Bryant's | each | 0 | 17 | 6 |
| Colotomy Plug, as used by Mr. Jacobson | „ | 0 | 4 | 6 |
| **Colotomy "Urinals"** | „ | 0 | 18 | 6 |
| **Dupuytren's Enterotome** | „ | 1 | 1 | 0 |
| **Feeding Tube,** with shield for Gastrostomy | „ | 0 | 2 | 0 |
| „ **Syringe,** brass, with stopcock, for use with same | each | 0 | 16 | 6 |
| **Jacobson's Colotomy Pins** | „ | 0 | 1 | 6 |
| **Lund's Insufflator** | „ | 1 | 2 | 6 |
| **Makins' Forceps,** for Resection of Bowel, nickel plated, 3 sizes | each | 0 | 7 | 6 |
| **Treve's Colectomy Clamps,** nickel plated | per set | 1 | 10 | 0 |

## ENEMAS, INJECTION SYRINGES, RECTAL AND VAGINAL DOUCHES.

| **Brass Enemas,—** | | £ | s. | d. |
|---|---|---|---|---|
| Double-action, with continuous stream, silk tube | each | 0 | 18 | 6 |
| Ditto, ditto, with metal telescopic tube | „ | 0 | 18 | 6 |
| Single-action, with mohair tube and metal pipe | „ | 0 | 9 | 6 |
| Ditto, best, with silk tube and metal pipe | „ | 0 | 14 | 0 |
| Ditto, ditto, with O'Beirn's 18-in. rectum pipe | „ | 0 | 14 | 0 |
| Ditto, ditto, ditto, with addition of bone pipe and elastic gum vagina pipe | each | 0 | 18 | 6 |
| Ditto, with metal "Bracket" tube | „ | 0 | 15 | 0 |
| Ditto, with metal telescopic tube | „ | 0 | 15 | 0 |
| Ditto, ditto, portable, for dressing case or travelling bag | each | 0 | 12 | 6 |

## Enemas, Injection Syringes, etc., *continued.*

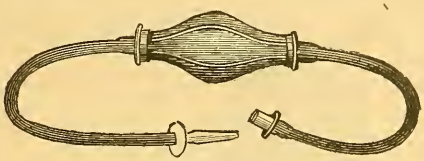


Fig. 1199.

| Higginson's Enemas,— | £ | s. | d. |
|---|---|---|---|
| (*Fig.* 1199) With vagina pipe and shield, in slide cedar boxes . . . . . per doz. | 1 | 16 | 0 |
| Ditto, ditto, with extra long tube, Gervis'. „ | 2 | 2 | 0 |

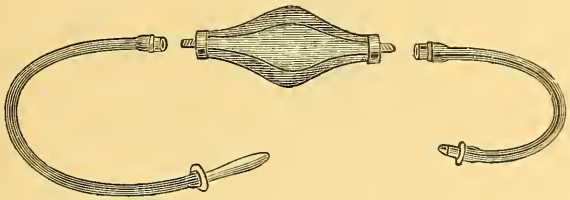


Fig. 1200.

| | | | |
|---|---|---|---|
| (*Fig.* 1200) Ditto, with screw mounts and extra elastic rectum pipe for children . . . per doz. | 2 | 5 | 0 |
| Seamless Syphon (*Fig.* 1201), in white rubber, with vaginal pipe and shield, in cedar boxes per doz. | 1 | 16 | 0 |
| Ditto, ditto, superior, black enamelled, in cloth boxes . . . . . per doz. | 3 | 0 | 0 |

*Any of the above fitted with Double Channel Vaginal Pipe, each, extra, 4s. 6d.*

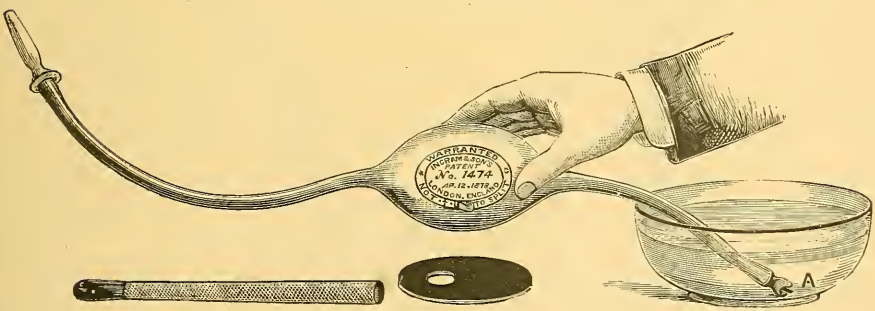



Fig. 1201.

## Enemas, Injection Syringes, etc., *continued.*

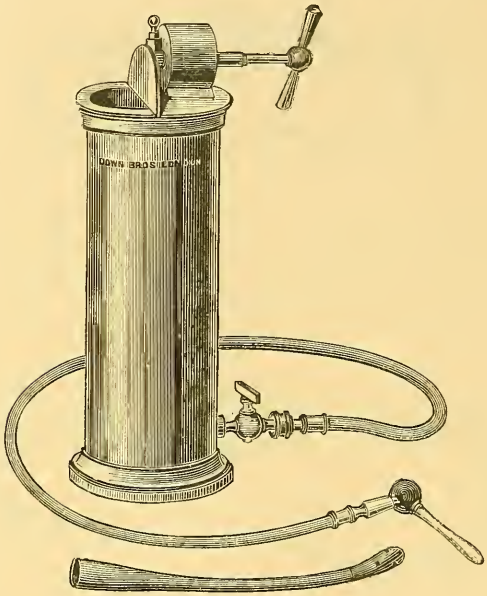


Fig. 1202.

**Irrigateurs,** Dr. Eguisier's (*Fig.* 1202), in mahogany boxes, No. 1, ½-pint, 18*s.*; No. 2, 1-pint, 20*s.*; No. 3, 1½ pint . . . . . £ 1 *s.* 5 *d.* 0

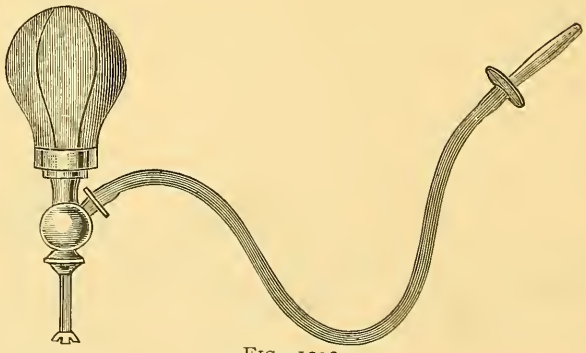


Fig. 1203.

**Kennedy's Enemas** (*Fig.* 1203) . . . each 0 11 6
Best . . . ( „ ) . . . „ 0 16 6

## Enemas, Injection Syringes, etc., *continued.*

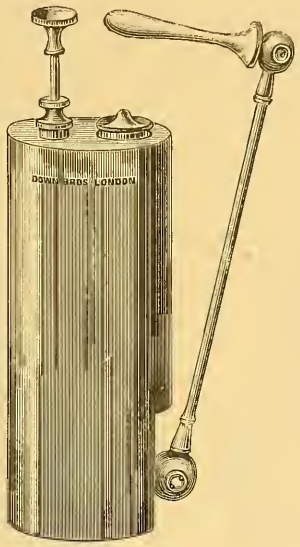



Fig. 1204.

| | £ | s. | a. |
|---|---|---|---|
| **Reservoir Enemas**, best brass bronzed . . each | 1 | 4 | 0 |
| Double-action, ditto (*Fig.* 1204) . . . . „ | 1 | 7 | 0 |
| **Glass Syringes**, Male or Female, ¼-oz., 2*s.*; ½-oz., 2*s.* 6*d.*; ¾-oz., 3*s.* 9*d.*; 1-oz., 4*s.*; 1½-oz., 6*s.*; 2-oz., 7*s.* 6*d.*; 3-oz., 18*s.*; 4-oz. . . per doz. | 1 | 4 | 0 |
| **Glass Syringes with Vulcanite Mounts** and fine glass points, ¼-oz., 6*s.*; ½-oz., 8*s.*; ¾-oz. per doz. | 0 | 10 | 0 |
| Ditto, ditto, ditto, in wood cases per doz., 8*s.*, 10*s.* | 0 | 13 | 0 |
| **Glass Syringes with Screw Vulcanite Mounts** and points,— | | | |
| Bulb points, ¼-oz. . . . . per doz. | 0 | 12 | 6 |
| Conical points, ¼-oz. . . . . „ | 0 | 12 | 6 |
| **India-rubber Injection Syringes**, with bone pipes (*Fig.* 1205), 1-oz., 17*s.* 6*d.*; 2-oz., 20*s.*; 3-oz., 23*s.*; 4-oz., 27*s.*; 6-oz., 30*s.*; 8-oz., 34*s.* 6*d.*; 10-oz., 37*s.* 6*d.*; 12-oz., 49*s.* 6*d.*; 14-oz., 57*s.*; 16-oz. per doz. | 3 | 3 | 0 |
| Ditto, with elastic pipes (*Fig.* 1206), 1-oz., 20*s.*; 2-oz., 22*s.* 6*d.*; 3-oz., 25*s.* 6*d.*; 4-oz., 29*s.* 6*d.*; 6-oz., 32*s.* 6*d.*; 8-oz., 37*s.*; 10-oz., 40*s.*; 12-oz., 52*s.*; 14-oz., 59*s.* 6*d.*; 16-oz. . . . per doz. | 3 | 6 | 0 |

## Enemas, Injection Syringes, etc., *continued.*

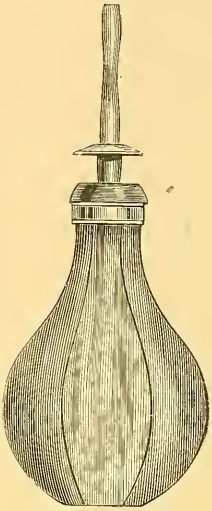


Fig. 1205.

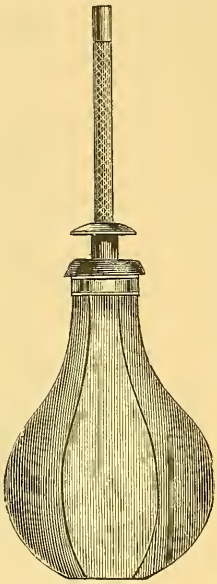


Fig. 1206.

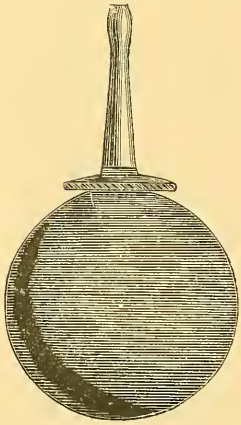


Fig. 1207.

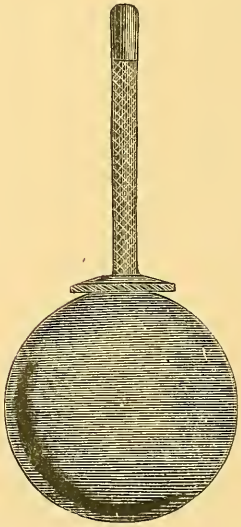


Fig. 1208.

## Enemas, Injection Syringes, etc., *continued.*

| | £ | *s.* | *d.* |
|---|---|---|---|
| **India-rubber Ball Syringes**, with bone pipes for children (*Fig.* 1207), 1-oz., 14*s.*; 1½-oz., 15*s.*; 2-oz., 17*s.*; 3-oz. . . . . per doz. | 1 | 1 | 0 |
| Ditto, with elastic pipes, for children (*Fig.* 1208), 1-oz., 17*s.*; 1½-oz., 18*s.*; 2-oz., 20*s.*; 3-oz., per doz. | 1 | 4 | 0 |

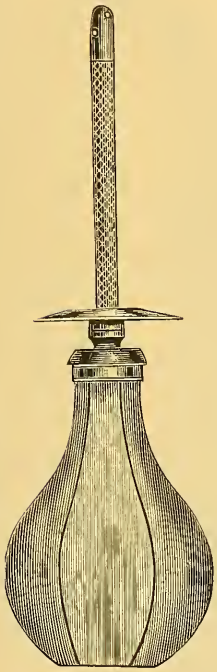


Fig. 1209.

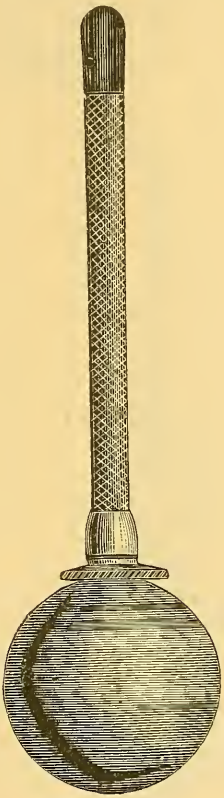


Fig. 1210.

| | | | |
|---|---|---|---|
| **India-rubber Vaginal Syringes**, with elastic pipes (*Fig.* 1209), 2-oz., 29*s.*; 3-oz., 32*s.*; 4-oz., 36*s.*; 6-oz., 39*s.*; 8-oz., 43*s.* 6*d.*; 10-oz., 46*s.* 6*d.*; 12-oz., 58*s.* 6*d.*; 14-oz., 66*s.*; 16-oz. . . per doz. | 3 | 10 | 0 |
| **India-rubber Ball Vaginal Syringes**, with elastic pipes (*Fig.* 1210), 2-oz., 22*s.*; 3-oz. . per doz. | 1 | 5 | 0 |

## Enemas, Injection Syringes, etc., *continued.*

| Oidtmann's Glycerine Injection Syringes,— | £ | s. | a. |
|---|---|---|---|
| Celluloid, with glass barrels . 2 dram, per doz. | 2 | 2 | 0 |
| Pewter (*Fig.* 1211) . per doz., 1 dram, 9*s.*; 2 dram, | 0 | 10 | 0 |
| Ditto, with glass barrel „ „ 10*s.*; „ | 0 | 12 | 0 |
| Vulcanite (*Fig.* 1212). . . 2 dram, per doz. | 1 | 4 | 0 |
| Ditto, with glass barrel . . . „ „ | 0 | 18 | 0 |

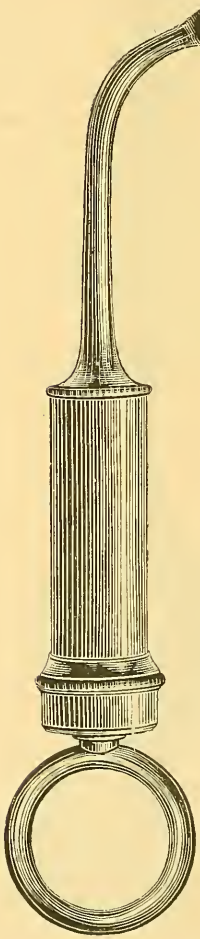


Fig. 1211.

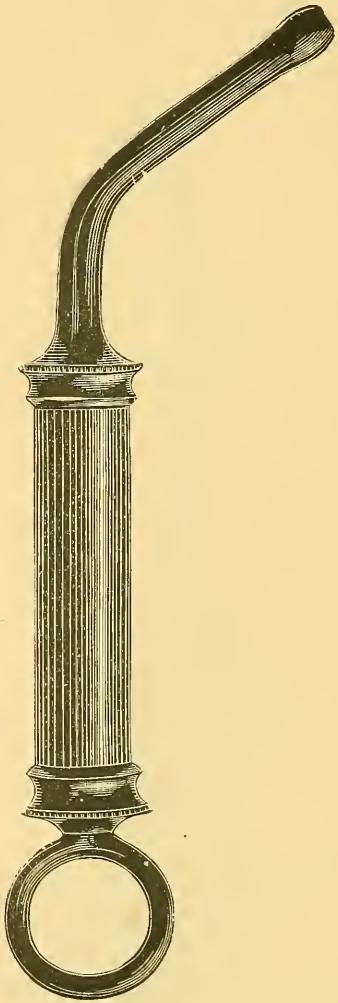


Fig. 1212.

## Enemas, Injection Syringes, etc., *continued.*

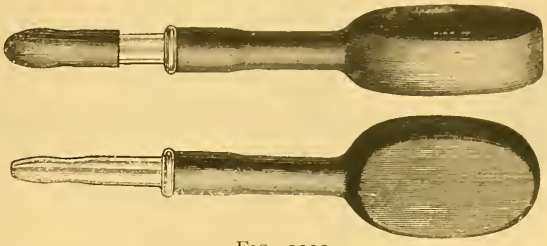


Fig. 1213.

| Urethra Syringes,— | £ | s. | d. |
|---|---|---|---|
| Balmanno Squire's (*Fig.* 1213) . . . per doz. | 0 | 18 | 0 |

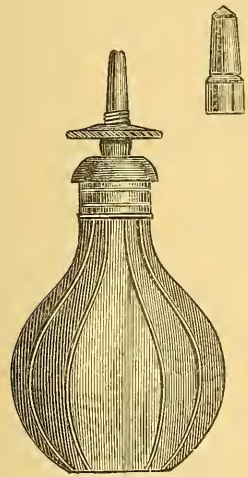


Fig. 1214.

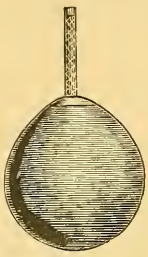


Fig. 1215.

Fig. 1216.

| | | | |
|---|---|---|---|
| India-rubber Syringes, with bone pipes, capped (*Fig.* 1214), 1 oz., 17*s.* 6*d.*; 2-oz. . . . per doz. | 1 | 0 | 0 |
| India-rubber Ball Syringes, ½ oz., with 1-inch elastic pipes (*Fig.* 1215) . . . . . per doz. | 0 | 11 | 6 |
| Ditto, ditto, ditto, in boxwood cases . „ | 0 | 17 | 6 |
| Ditto, ditto, Durham's, ½ oz., with reversible stream (*Fig.* 1216) . . . . . per doz. | 1 | 1 | 0 |
| Ditto, ditto, ditto, in boxwood cases . „ | 1 | 10 | 0 |

## Enemas, Injection Syringes, etc., *continued.*

Fig. 1217.

| | £ | s. | a. |
|---|---|---|---|
| **Urethra Syringes,** *continued*,— | | | |
| India-rubber Ball Syringes, Golding-Bird's, ½ oz., with 6-inch perforated elastic pipes (*Fig.* 1217), per doz. | 1 | 1 | 0 |
| Ditto, ditto, ditto, in boxwood cases . . . | 1 | 13 | 0 |
| Ditto, ditto, with reversible vulcanite pipes, per doz., ½ oz., 15*s.*; 1 oz. | 0 | 18 | 0 |

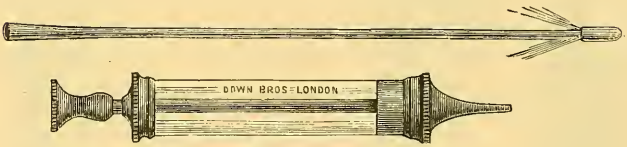



Fig. 1218.

| | | | |
|---|---|---|---|
| Teevan's glass, with 6-in. elastic pipe, reversible stream (*Fig.* 1218) . . . . . per doz. | 1 | 16 | 0 |
| **Rectum and Vaginal Douches,**— | | | |
| Gowlland's, for rectum and vagina . . . each | 0 | 19 | 0 |
| India-rubber Reservoir, with elastic vaginal tube and stopcock . . . . . each | 1 | 0 | 0 |
| Ditto, with vulcanite ditto, ditto . . . „ | 1 | 0 | 0 |
| Ditto, with vulcanite ditto, double channel . „ | 1 | 5 | 6 |
| Japanned Tin Reservoir, with 8 feet stout India-rubber tube and vulcanite rectum and vagina pipes and improved stopcocks (*Fig.* 1219), 2-pint, 12*s.* 6*d.*; 3-pint, 13*s.* 6*d.*; 2-quart, 14*s.* 6*d.*; 3-quart each | 0 | 15 | 6 |

## Enemas, Injection Syringes, etc., *continued.*

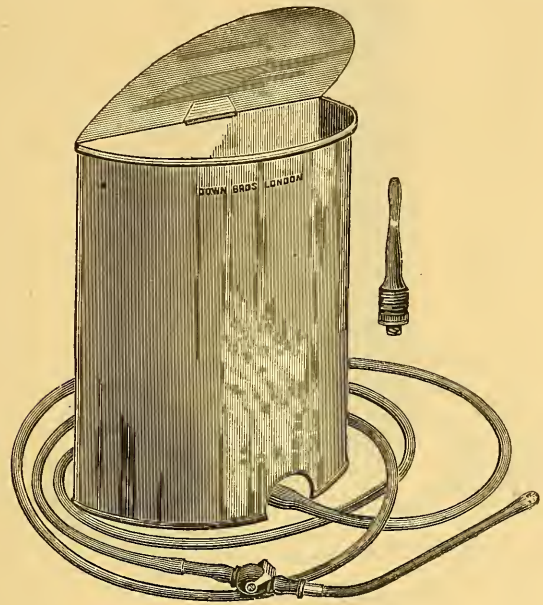



Fig. 1219.

| Rectum and Vaginal Douches, *continued*,— | £ | s. | d |
|---|---|---|---|
| Japanned Tin Reservoir, with vulcanite vagina pipe and plain stopcock (*as Fig.* 1220), 2-pint, 10*s.* 6*d.*; 3-pint, 11*s.* 6*d.*; 2-quart, 12*s.* 6*d.*; 3-quart . each | 0 | 13 | 6 |
| Ditto, ditto, with glass vagina pipe and plain stopcock or spring clip, 2-pint, 9*s.* 6*d.*; 3-pint, 10*s.* 6*d.*; 2-quart, 11*s.* 6*d.*; 3-quart . . . . each | 0 | 12 | 6 |
| Scanzoni's, with elastic vagina tube and lead-sinker . ,, | 0 | 6 | 0 |
| Ditto, ditto, and stopcock, ditto . . . . ,, | 0 | 10 | 6 |
| Bath Speculums to dilate the vagina when using the Douche, etc. . . . . each | 0 | 2 | 0 |
| **Rectum and Vagina Tubes,**— | | | |
| Rectum,— | | | |
| Bone, to fit into enema bottles . . per doz. | 0 | 4 | 0 |
| Elastic gum, ditto . . . . . ,, | 0 | 7 | 6 |
| Ditto, curved, to plug over bone pipes . ,, | 0 | 7 | 6 |
| Ditto, O'Beirn's, 8-in., 10-in. and 20-in., 18*s.*; 24-in. per doz. | 1 | 4 | 0 |
| Ditto, to plug over bone pipes, per doz., 3-in., 4*s.*; 6-in., 5*s.*; 24-in. . . . . | 2 | 5 | 0 |

## Enemas, Injection Syringes, etc., *continued.*

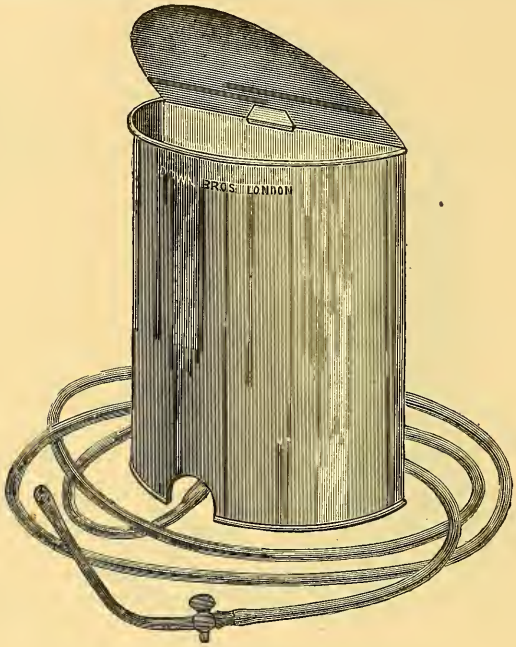



Fig. 1220.

| Rectum and Vagina Tubes, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Rectum, *continued*,— | | | |
| Glass, bulb or conical pointed, to fit to India-rubber tube or Higginson's Syringe . . per doz. | 0 | 4 | 6 |
| India-rubber, to fit over any conical pipe . „ | 0 | 18 | 0 |
| Vagina,— | | | |
| Elastic gum to fit into Enema Bottles . „ | 0 | 12 | 0 |
| Ditto, to plug over bone pipes . . „ | 0 | 5 | 3 |
| Ditto, ditto, curved . . . . „ | 0 | 9 | 0 |
| Glass, to fit to india-rubber tube or Higginson's Syringe . . . . . per doz. | 0 | 6 | 0 |
| Ditto, "Sigmoid," as used at the Rotunda Hospital, Dublin, to fit ditto . . . . per doz. | 0 | 10 | 0 |
| Vulcanite, with stopcock to fit ditto . . „ | 1 | 4 | 0 |

## TOOTH INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set,** the "Guy's" case, consisting of 6 pairs extra light patterns Tomes' Tooth Forceps (*Figs.* 1233 *to* 1238 *inc.*), 2 Moon's Elevators (*Figs.* 1221 *and* 1222), 2 double Searchers, and Kiessler's Mirror (*Fig.* 1249) . . in pouch | 3 | 8 | 6 |
| *Nickel plated, 7s. extra.* | | | |
| **No. 2 Set,** consisting of Druitt's selection of 7 pairs Tomes' Tooth Forceps (*Figs.* 1226 *to* 1232), in pouch | 2 | 5 | 0 |
| *Nickel plated, 5s. 3d. extra.* | | | |
| **No. 3 Set,** consisting of 10 pairs Tomes' Tooth Forceps in pouch | 3 | 3 | 6 |
| *Nickel plated, 7s. 6d. extra.* | | | |
| **No. 4 Set,** consisting of 12 pairs Tomes' Tooth Forceps in pouch | 3 | 16 | 0 |
| *Nickel plated, 9s. extra.* | | | |
| **No. 5 Set,** consisting of 15 pairs Tomes' Tooth Forceps, in pouch | 4 | 15 | 6 |
| *Nickel plated, 11s. 3d. extra.* | | | |
| **No. 6 Set,** consisting of 15 pairs Tomes' Tooth Forceps, 3 Thompson's Elevators, Mouth Mirror, Gum Lancet, 2 double Searchers, and pair of Stopping Forceps for Cotton Wool . in pouch | 6 | 3 | 0 |
| *Nickel plated, 15s. 6d. extra.* | | | |

FIG. 1221.

FIG. 1222.

## Tooth Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Elevators,—** | | | |
| Clendon's, straight, and curved right and left, ebony handles . . . . . each | 0 | 4 | 6 |
| Ditto, swivel . . . . . „ | 0 | 10 | 0 |
| Guy's, straight . . . . . „ | 0 | 4 | 6 |
| Moon's (*Figs.* 1221 *and* 1222) . . . . „ | 0 | 4 | 6 |
| Saunders', straight, and curved right and left . „ | 0 | 2 | 6 |

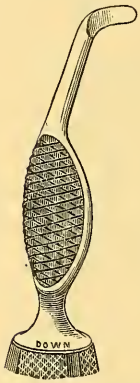



Fig. 1223.

Fig. 1224.

Fig. 1225.

| | | | |
|---|---|---|---|
| Thomson's (*Figs.* 1223 *to* 1225) . . . . each | 0 | 4 | 6 |
| Ditto, ditto, ivory handles . . . . „ | 0 | 7 | 6 |

*Nickel plated, 9d. each extra.*

| | | | |
|---|---|---|---|
| **Excavators,** octagon handles . . . per doz. | 0 | 10 | 0 |
| Double . . . . each, 1*s.* 3*d.*; nickel plated | 0 | 1 | 6 |
| **Forceps,—** | | | |
| American patterns . . . . . each | 0 | 7 | 6 |
| Clendon's . . . . . „ | 0 | 4 | 8 |
| „ with plain joints . . . . . „ | 0 | 4 | 0 |
| Common single joint . . . . . „ | 0 | 2 | 6 |
| Druitt's selection of 7 pairs of Tomes' (*Figs.* 1226 *to* 1232 *inc.*) . . . . . each | 0 | 5 | 6 |
| Tomes' . . . . . „ | 0 | 5 | 6 |

## Tooth Instruments, *continued.*

Fig. 1226.
Upper Molars, Right.

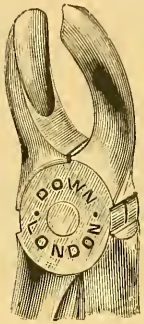



Fig. 1227.
Upper Molars, Left.

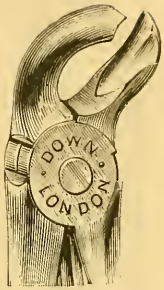



Fig. 1228.
Lower Molars.

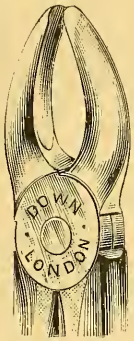



Fig. 1229.
Incisors and Canines.

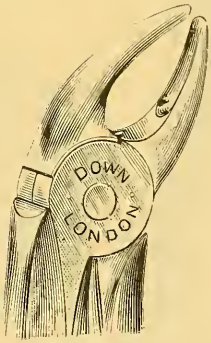



Fig. 1230.
Lower Incisors and Canines.

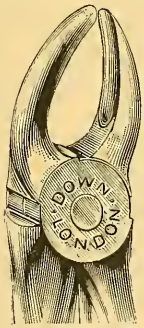



Fig. 1231.
Upper Stumps.

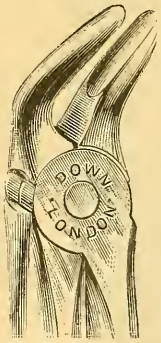



Fig. 1232.
Lower Stumps.

## Tooth Instruments, *continued.*

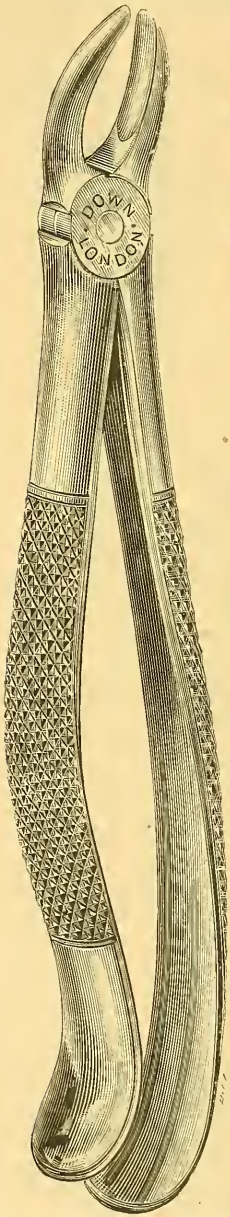



Fig. 1233. Upper Stumps.

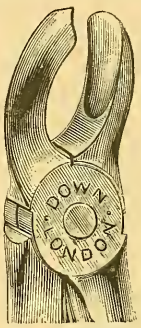



Fig. 1234. Upper Molars, Right.

Fig. 1235. Upper Molars, Left.

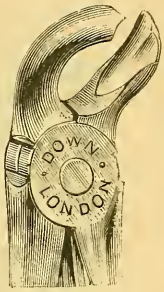



Fig. 1236. Lower Molars.

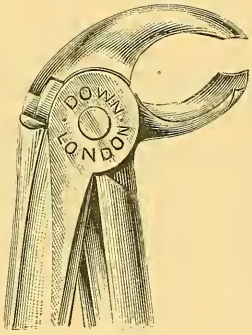



Fig. 1237. Lower Molars.

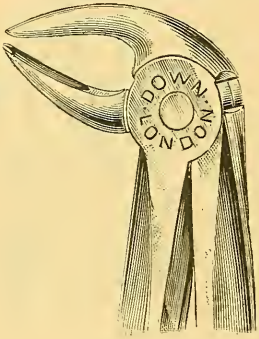



Fig. 1238. Lower Stumps.

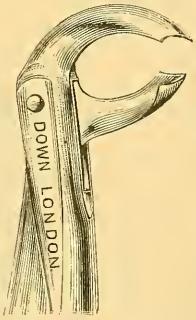



Fig. 1239. Lower Molars.

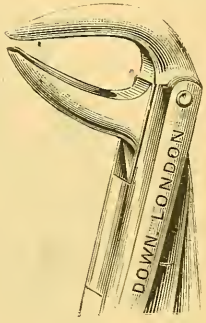



Fig. 1240. Lower Stumps.

## Tooth Instruments, *continued.*

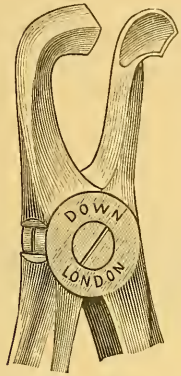



Fig. 1241.
Lower Back Molar.

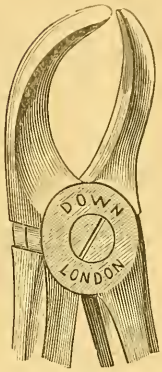



Fig. 1242.
Lower Molar Stumps.

| Forceps, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Tomes' improved pattern, lower back molar (*Fig.* 1241) each | 0 | 7 | 6 |
| Ditto, ditto, lower molar stumps (*Fig.* 1242). ,, | 0 | 7 | 6 |
| Ditto, special "Guy's" patterns, extra light (*Figs.* 1233 *to* 1238 *inc.*) . . . . . each | 0 | 6 | 6 |
| Special patterns, "cut through joints," hawk's-bill (*Figs.* 1239 *and* 1240). . . . . each | 0 | 7 | 6 |

*Nickel plated*, 9*d. each extra.*

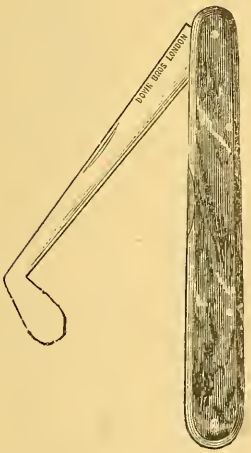



Fig. 1243.

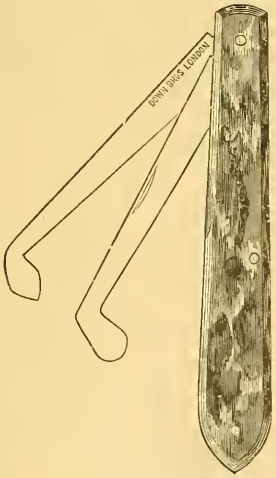



Fig. 1244.

## Tooth Instruments, *continued.*

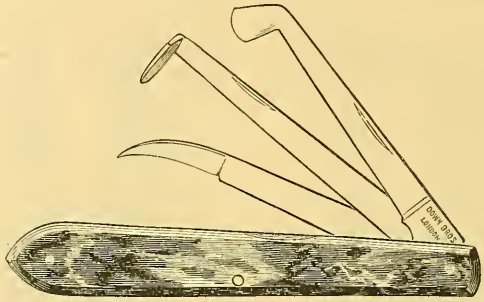


Fig. 1245.

| | £ | s. | d. |
|---|---|---|---|
| **Gum Lancets,—** | | | |
| Skeleton handles, each, 1-blade, 2*s.* 6*d.*; 2-blade, 3*s.* 9*d.*; 3-blade . . . . . | 0 | 6 | 0 |
| Spring back, each, 1-blade (*Fig.* 1243), 3*s.* 6*d.*; 2-blade (*Fig.* 1244), 6*s.* 6*d.*; 3-blade (*Fig.* 1245) . . | 0 | 9 | 6 |
| Lock back, 1-blade . . . . . each | 0 | 4 | 6 |
| **Keys,—** | | | |
| Fox's, with ebony handles . . . . . ,, | 0 | 6 | 9 |
| ,, with spring bolt . . . . . ,, | 0 | 9 | 0 |
| Revolving fulcrum . . . . . ,, | 0 | 7 | 6 |
| Revolving plate on fulcrum . . . . . ,, | 0 | 9 | 0 |
| Set of 2, with spring bolt and spring ivory handle . ,, | 1 | 4 | 0 |

*Nickel plated, 1s. each extra.*

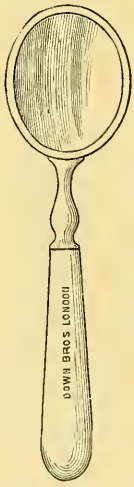



Fig. 1246.

Fig. 1247.

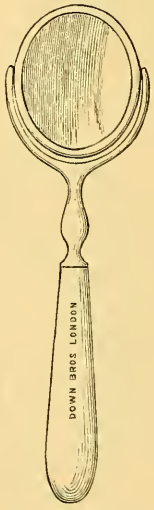



Fig. 1248.

## Tooth Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Mouth Mirrors,—** | | | |
| Ivory handle (*Fig.* 1246) . . . . . each | 0 | 4 | 0 |
| Ditto, with ball and socket motion (*Fig.* 1247) . „ | 0 | 4 | 6 |
| Ditto, swing (*Fig.* 1248) . . . . . „ | 0 | 5 | 6 |

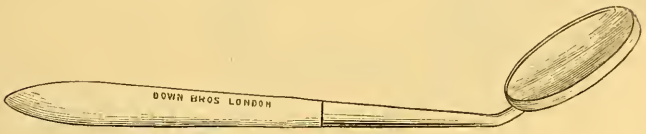



Fig. 1249.

| | | | |
|---|---|---|---|
| Ditto, "Kiessler's" (*Fig.* 1249) . . . each | 0 | 11 | 6 |
| **Pouches,** Leather, with strap and buckle, for Tooth Instruments: each, 8-hole, 6*s.* 8*d.*; 10-hole, 8*s.* 4*d.*; 12-hole, 10*s.*; 14-hole, 11*s.* 8*d.*; 16-hole, 13*s.* 4*d.*; 18-hole . . . . . | 0 | 15 | 0 |
| **Searchers,** double . each, 1*s.* 3*d.*; nickel plated | 0 | 1 | 6 |
| **Scalers,—** | | | |
| Bell's, in ivory handles . . . . . each | 0 | 3 | 0 |
| „ set of 8 . . . . . per set | 1 | 8 | 0 |
| Set of 6, fitting one handle, "portable" . „ | 0 | 12 | 6 |
| Steel octagon handles . . . . . per doz. | 0 | 12 | 0 |
| **Silk,** Dentist's Floss . . . . . per reel | 0 | 0 | 9 |
| Dentist's Twist . . . . . per hank | 0 | 0 | 9 |
| **Stoppers,—** | | | |
| Set of 6, fitting one handle, "portable" . per set | 0 | 12 | 6 |
| Steel octagon handles . . . . . per doz. | 0 | 12 | 0 |
| **Stopping,—** | | | |
| Amalgam . . . . . per oz. | 0 | 10 | 6 |
| Gold Leaf . . . . . per doz. | 0 | 16 | 0 |
| Gutta-percha, in stick . . . . . per box | 0 | 1 | 6 |
| Platinum Leaf . . . . . per doz. | 0 | 13 | 6 |
| **Stopping Forceps,—** | | | |
| Ballard's . . . . . each | 0 | 4 | 6 |
| Riche's . . . . . „ | 0 | 7 | 6 |
| *Nickel plated, 1s. extra.* | | | |
| **Syringes,** vulcanite, with 2 pipes . . . . „ | 0 | 4 | 0 |
| Ditto, india-rubber, with silver pipes . . „ | 0 | 3 | 6 |

## ASPIRATORS, TROCARS, AND SUBCUTANEOUS SYRINGES.

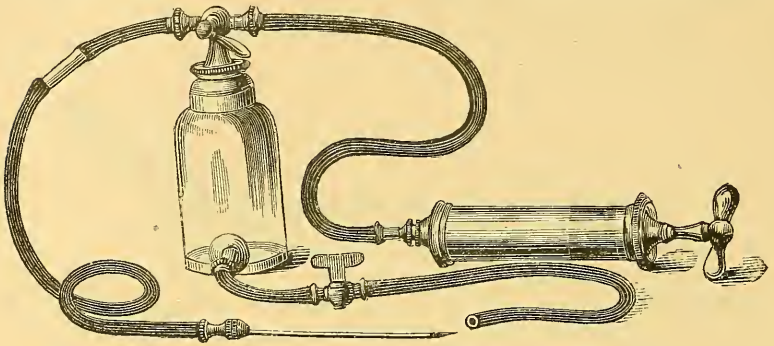


Fig. 1250.

| Aspirators,— | £ | s. | d. |
|---|---|---|---|
| Bottle, gilt fittings, with set of 3 needles and 2 trocars and Canulas (as *Fig.* 1250) . . . in case | 4 | 10 | 0 |

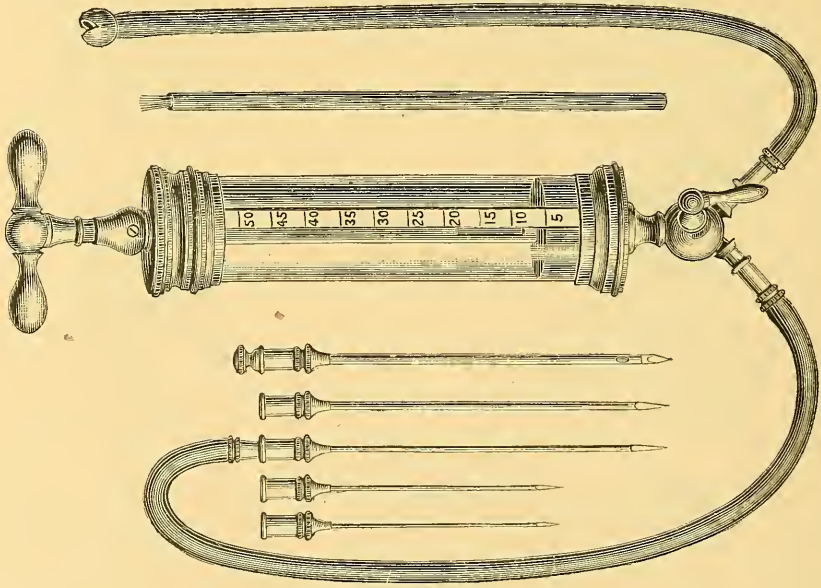



Fig. 1251.

| | | | |
|---|---|---|---|
| Dieulafoy's, with set of 4 needles, and 3 trocars and canulas (as *Fig.* 1251) . . . . in case | 2 | 16 | 0 |

## Aspirators, Trocars, etc., *continued.*

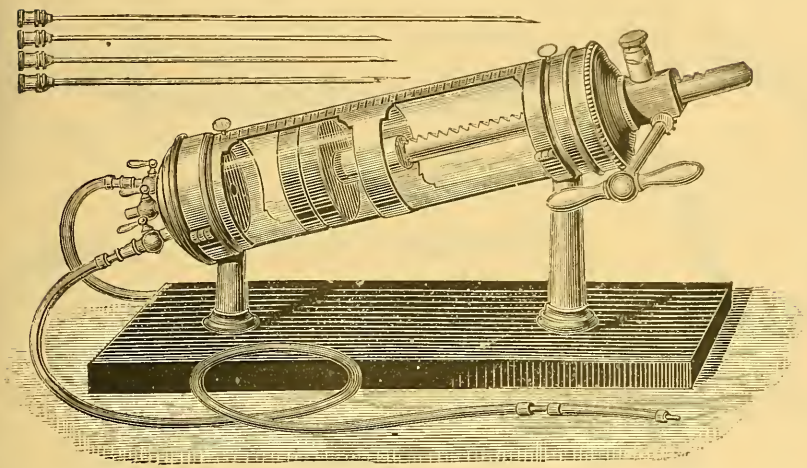


Fig. 1252.

**Aspirators,** *continued*,— £ s. d.

Dieulafoy's, hospital pattern, rack piston (*Fig.* 1252), with trocar and canula, and set of 4 needles, in case 6 16 6

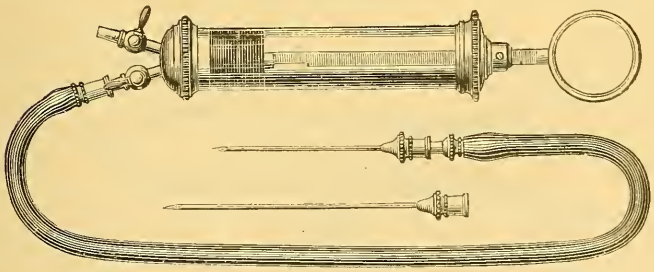


Fig. 1253.

Miniature, for facial abscesses and exploring (*Fig.* 1253) in case 1 5 0

Potain's (*Fig.* 1254), with doubleway cock, 1 needle, and 3 canulas, with trocars and blunt pilots in case 2 18 0

**Aspirators, Trocars, etc.,** *continued.*

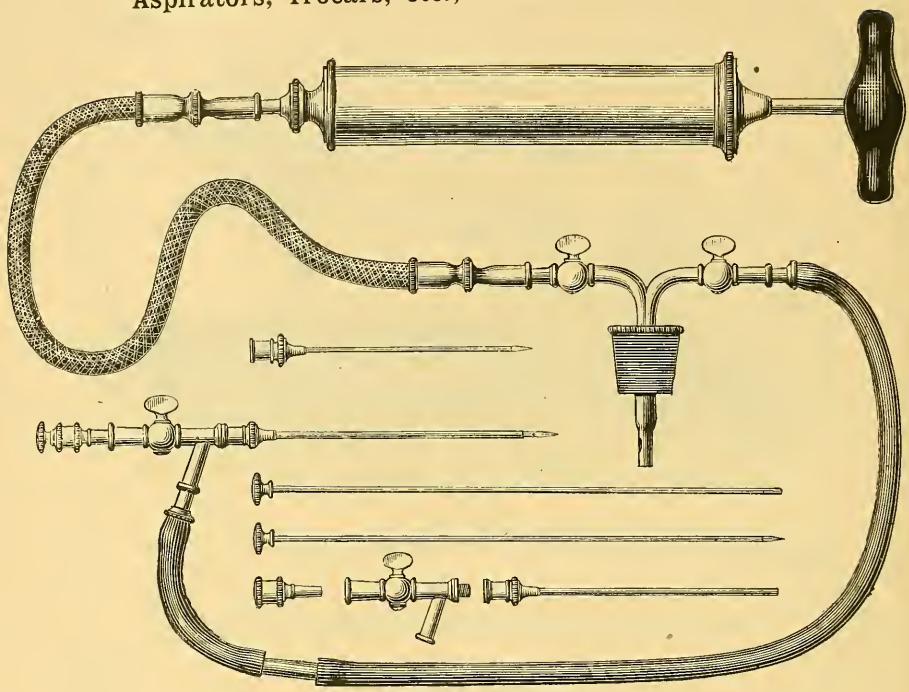


FIG. 1254.

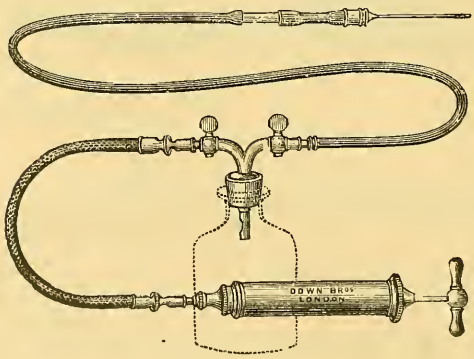



FIG. 1255.

**Aspirators,** *continued,*—

| | | £ | s. | d. |
|---|---|---|---|---|
| Wood's (*Fig.* 1255), with 2 needles . . | in case | 1 | 10 | 0 |

## Aspirators, Trocars, etc., *continued.*

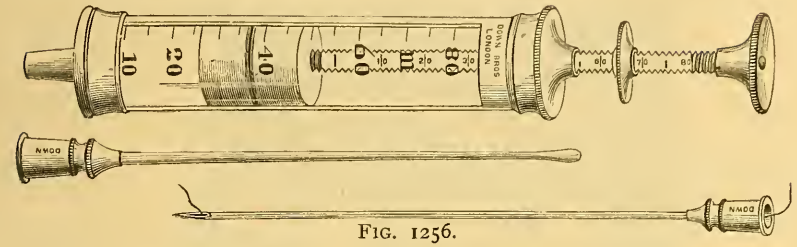


Fig. 1256.

| Exploring Syringes (*as Fig.* 1256). | £ | s. | d. |
|---|---|---|---|
| 60-Minim, with 1 steel exploring needle, and 1 fine silver pipe for injecting sinuses . . in case | 0 | 18 | 6 |
| 80-Minim, with 2 steel exploring needles and 1 fine silver pipe for injecting sinuses . . in case | 1 | 2 | 6 |

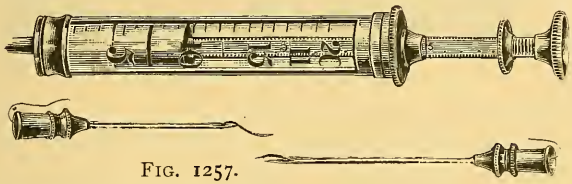


Fig. 1257.

| Subcutaneous Syringes (*Fig.* 1257),— | | | |
|---|---|---|---|
| 10-Minim, with side bars to prevent the mounts coming off, and 2 fine needles . . . . in case | 0 | 7 | 6 |
| 15-Minim, ditto, ditto . . . . ,, | 0 | 8 | 0 |
| 20-Minim, ditto, ditto . . . . ,, | 0 | 8 | 6 |
| Ditto, ditto, and 1 metal-capped bottle . ,, | 0 | 10 | 6 |
| Ditto, ditto, and 2 ditto . . . . ,, | 0 | 12 | 6 |

*If fitted with Exploring Needle, 2s. 6d. each extra.*

20-Minim, "G. P.," as advertised (*Fig.* 1258), designed expressly for use with Huggett's permanent solutions. The necks of the bottles are large enough to admit the syringe and allow of the solution being used to the last drop; the bottles are flat-bottomed and stand of themselves; 2 fine needles included with each case.

With one cut-glass bottle, 12*s.*; with two ditto, 14*s.*; with four ditto, 18*s.*; with six ditto, £1 2*s.*; with eight ditto, £1 6*s.*; with twelve ditto . . each 1 14 0

*If fitted with Exploring Needle, 2s. 6d. extra.*

| | | | |
|---|---|---|---|
| 40-Minim, for ether, etc. (*as Fig.* 1256), with side bars and 2 fine needles . . . . in case | 0 | 12 | 6 |
| Ditto, ditto, ditto, and 3 2-dram cut-glass bottles ,, | 0 | 18 | 6 |

## Aspirators, Trocars, etc., *continued.*

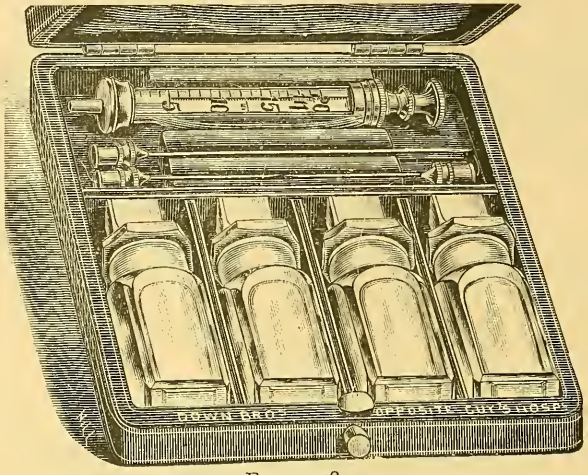



Fig. 1258.

**Subcutaneous Syringes,** *continued,*— £ s. d.

40-Minim, for ether, etc., and 4 2-dram cut-glass bottles in case 1 1 0

*If fitted with Exploring Needle, 2s. 6d. each extra.*

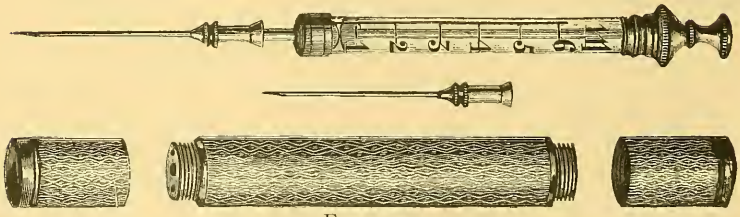


Fig. 1259.

6-Minim, with side bars, in engine-turned metal case for pocket (*Fig.* 1259) . . . . . each 0 12 6

Ditto, ditto, with space for discs . . . . „ 0 13 6

8-Minim, "Army Regulation," silver-mounted and plated case . . . . . each 0 10 6

Ditto, ditto, and silver case . . . . „ 0 15 6

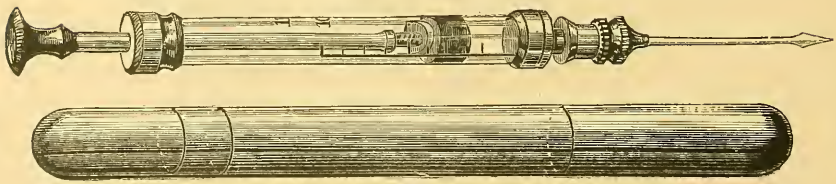


Fig. 1260.

## Aspirators, Trocars, etc., *continued.*

**Subcutaneous Syringes,** *continued,*— £ s. d.
Sansom's, 10-minim, in metal case (*Fig.* 1260) . each 0 19 6

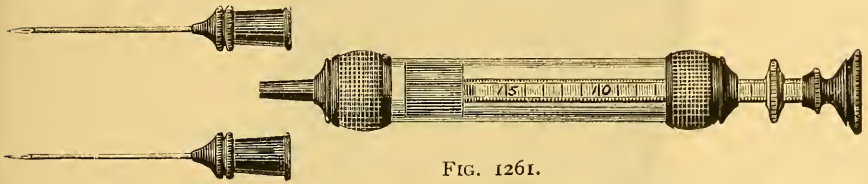


FIG. 1261.

Vulcanite, 20-minim (*Fig.* 1261), with 2 needles
in case 0 2 6

**Hypodermic Discs,** Savory & Moore's . per pkt. 0 2 6

**Hypodermic Solutions,** "Huggett's Permanent,"—

PRICES, IN STOPPERED BOTTLES, ARE AS FOLLOWS :—

| | ¼ oz. | ½ oz. | 1 oz. |
|---|---|---|---|
| Acetic Acid | 1/– | 1/6 | 2/6 |
| Aconitine | 2/– | 4/– | 7/– |
| Aloine | 1/3 | 2/– | 3/6 |
| Ammonia | 1/– | 1/6 | 2/6 |
| Amyl Nit | 1/3 | 2/– | 3/6 |
| Antipyrin | 1/3 | 2/– | 3/6 |
| Apomorphia | 1/6 | 2/6 | 5/– |
| Atropine | 1/3 | 2/– | 3/6 |
| Caffeine | 1/3 | 2/– | 3/6 |
| Chloral | 1/3 | 2/– | 3/6 |
| Cocaine | 1/6 | 2/6 | 5/– |
| Codeine | 3/– | 5/6 | 10/– |
| Colchicine | 1/3 | 2/– | 3/6 |
| Curara | 1/6 | 2/6 | 5/– |
| Digitaline | 1/6 | 2/6 | 5/– |

| | ¼ oz. | ½ oz. | 1 oz. |
|---|---|---|---|
| Duboisine | 2/– | 4/– | 7/– |
| Ergotine | 1/– | 1/6 | 2/6 |
| Eserine | 3/– | 5/6 | 10/– |
| Ether | 1/3 | 2/– | 3/6 |
| Hyoscyamine | 4/– | 7/6 | 14/– |
| Iodine | 1/3 | 2/– | 3/6 |
| Morphine | 1/– | 1/6 | 2/6 |
| Morphine & Atropine | 1/3 | 2/– | 3/6 |
| Nitro-Glycerine | 1/3 | 2/– | 3/6 |
| Perchlor-Mercury | 1/3 | 2/– | 3/6 |
| Pilocarpine | 2/– | 4/– | 7/– |
| Podophyllin | 1/3 | 2/– | 3/6 |
| Quinine | 1/6 | 2/6 | 5/– |
| Sparteine | 2/– | 4/– | 7/– |
| Strychnine | 1/3 | 2/– | 3/6 |

**Hypodermic Tabloids,** Burroughs & Wellcome's
per tube 0 1 0

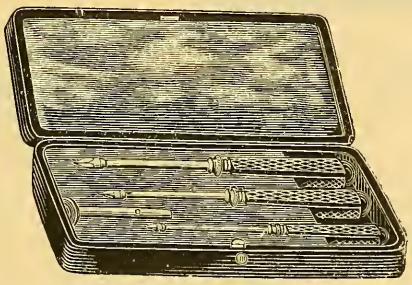


FIG. 1262.

**Trocars,**—
No. 1 SET, consisting of 1 each large and small Ascites, and 1 Hydrocele Trocar (*Fig.* 1262). in case 1 2 0

## Aspirators, Trocars, etc., *continued.*

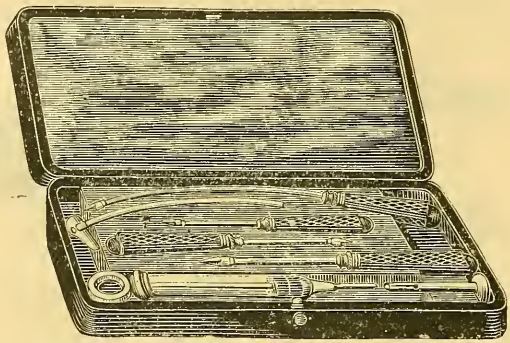


Fig. 1263.

Trocars, *continued*,— £ s. d.

No. 2 Set, consisting of 1 each large and small Ascites, 1 curved Bladder, and 1 Hydrocele Trocar, with Syringe (*Fig.* 1263) . . . . in case 2 0 0

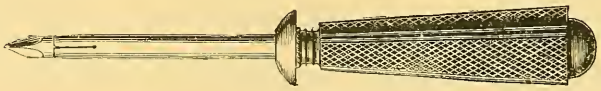


Fig. 1264.

Ascites,—

In chequered ebony handles (*Fig.* 1264), 2 sizes, each, 6*s.* 6*d.* and . . . . . 0 7 6

In plain ebony handles (*Fig.* 1264), 2 sizes, each, 5*s.* 6*d.* and 0 6 6

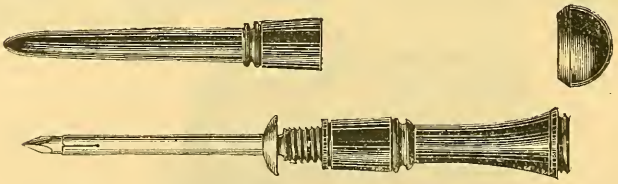


Fig. 1265.

In ebony cases (*Fig.* 1265), 2 sizes, each, 7*s.* 6*d.* and 0 8 6

Mounts, for attaching india-rubber tube . . each 0 1 0

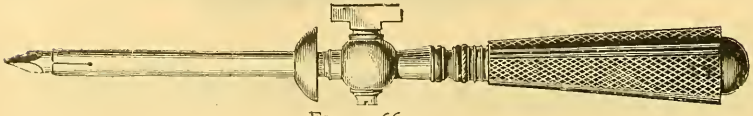


Fig. 1266.

## Aspirators, Trocars, etc., *continued.*

| Trocars, ASCITES, *continued*,— | £ | s. | d. |
|---|---|---|---|
| In chequered ebony handles, with stopcocks (*Fig.* 1266) . . . . . each, 17*s.* 6*d.* and | 1 | 0 | 0 |

FIG. 1267.

Syphon, oval, in 3 sizes (*Fig.* 1267).. . . each 0 15 6

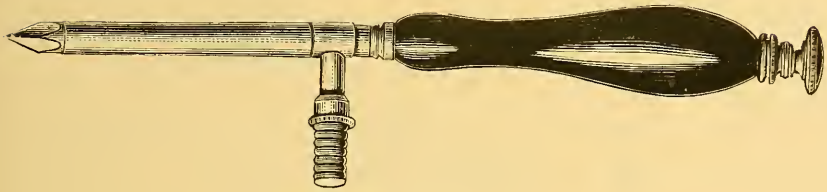


FIG. 1268.

With side branch (*Fig.* 1268), in 2 sizes,
each, 18*s.* 6*d.* and 1 1 0
Ditto and stopcocks, in 2 sizes . each 22*s.* and 1 5 0
*See also* SOUTHEY'S TROCARS.
Tubes, Spencer Wells' (*see page* 304).

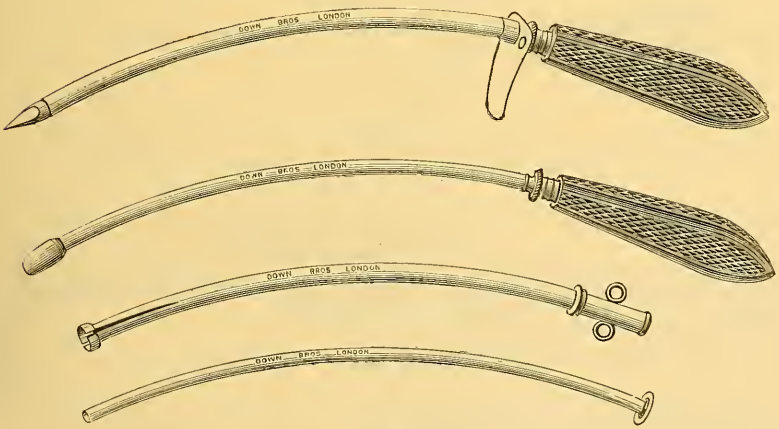



FIG. 1269.

BLADDER,—
Cock's, "Puncture per Rectum" (*Fig.* 1269),
per set in case 2 6 0

## Aspirators, Trocars, etc., *continued.*

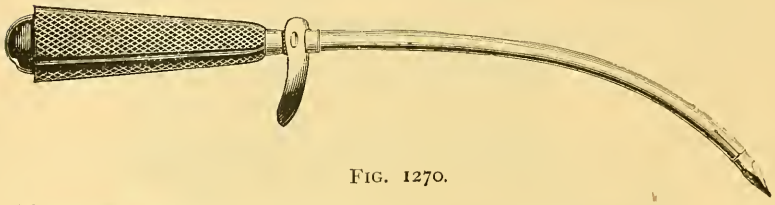


Fig. 1270.

| **Trocars**, Bladder, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Curved ditto (*Fig.* 1270), each, plain ebony, 10*s.*; chequered . . . . . | 0 | 11 | 6 |

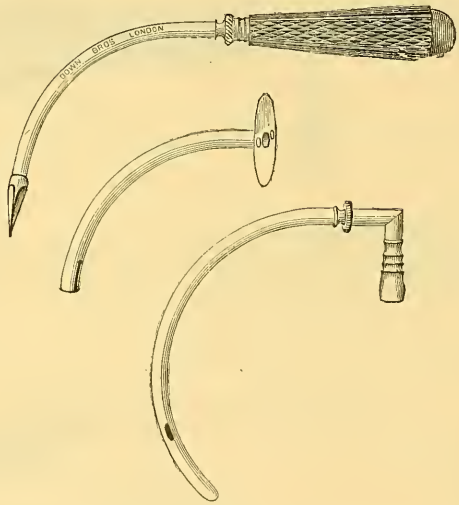



Fig. 1271.

| | | | |
|---|---|---|---|
| Pearse's, curved "Puncture per Pubes" (*Fig.* 1271), each, 21*s.*; in case | 1 | 6 | 6 |
| Straight ditto . . . . . each | 0 | 9 | 0 |

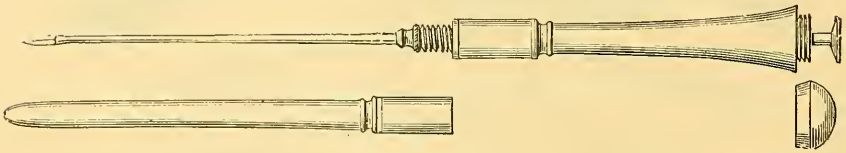


Fig. 1272.

| Exploring,— | | | |
|---|---|---|---|
| In ivory cases (*Fig.* 1272), 4 sizes . . . each | 0 | 5 | 0 |
| Side branch . . . . . ,, | 0 | 12 | 6 |
| Simpson's long, for "paracentesis abdominis" . ,, | 0 | 8 | 6 |

## Aspirators, Trocars, etc., *continued.*

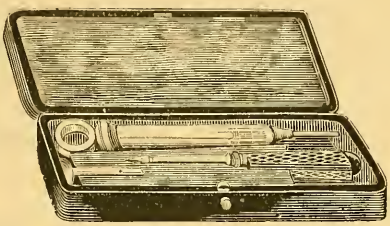


FIG. 1273.

### Trocars, *continued*,—

HYDROCELE,—

| | £ | s. | d. |
|---|---|---|---|
| In ebony cases (*Fig.* 1265) . . . . each | 0 | 5 | 6 |
| Ditto, handles . . plain, 4*s.* 6*d.*; chequered | 0 | 5 | 6 |
| Ditto, with Syringe, in case (*Fig.* 1273). . each | 0 | 13 | 0 |

OVARIOTOMY (*see pages* 314–316).

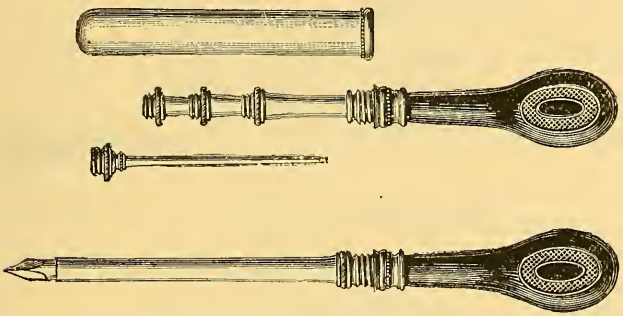


FIG. 1274.

POCKET,—

Nests of 4, with ebony handle (*Fig.* 1274), per nest 0 15 6

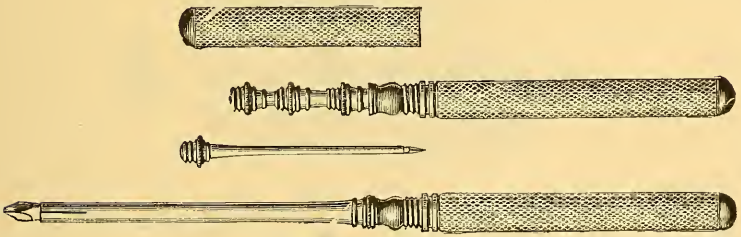


FIG. 1275.

Ditto, in metal case (*Fig.* 1275) . . per nest 0 18 6

## Aspirators, Trocars, etc., *continued.*

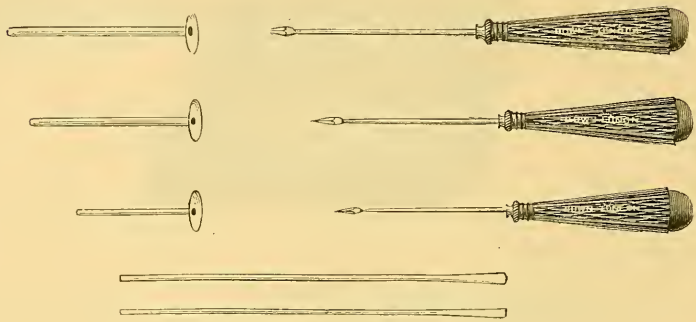


Fig. 1276.

**Trocars,** *continued,*— £ s. d.

Paracentesis Thoracis,—

Cock's, set of 3, with 2 blunt pilots (*Fig.* 1276), in case 1 2 0

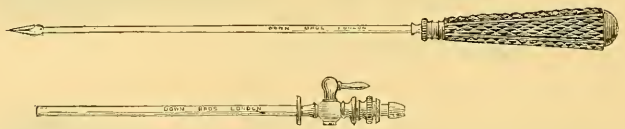


Fig. 1277.

Roberts', with stopcocks (*Fig.* 1277), three sizes, each 0 13 6

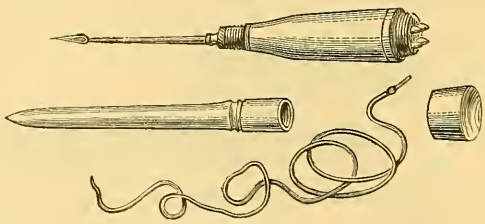


Fig. 1278.

Southey's, for Capillary Drainage,—

Anasarca (*Fig.* 1278) . . . . . each 0 10 6

## Aspirators, Trocars, etc., *continued.*

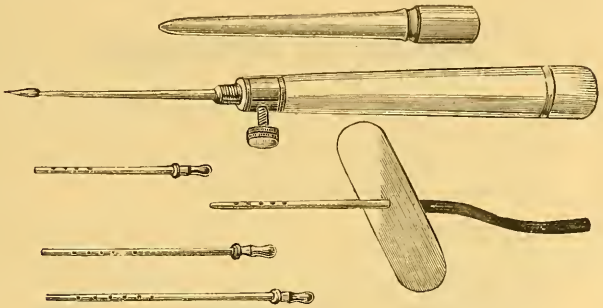


Fig. 1279.

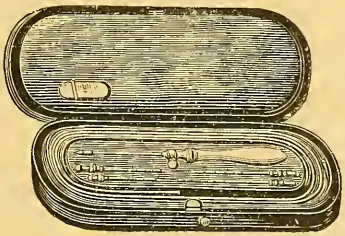


Fig. 1280.

| Southey's, for Capillary Drainage, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Ascites (*Fig.* 1279), each, 18*s.* 6*d.*; in morocco case (*Fig.* 1280) . . . . . | 1 | 1 | 0 |

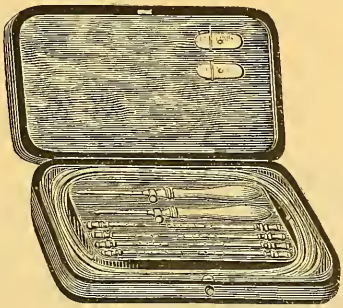


Fig. 1281.

| | | | |
|---|---|---|---|
| Ascites and Anasarca, set complete in case (*Fig.* 1281) | 1 | 12 | 6 |

## POST-MORTEM INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set**, containing Saw, Cartilage Knife, Catlin, and Chisel fitting in socket handle, Forceps, Scissors, 3 Scalpels, Chain Hooks, Blowpipe, and Needles; in brass-bound mahogany case. . | 2 | 0 | 0 |
| **No. 2 Set**, containing Saw, Cartilage Knife, Catlin, and Chisel fitting in socket handle, 6 Scalpels, Forceps, Scissors, Chain Hooks, Blowpipe, and Needles; in mahogany case, each, plain ebony, £2 8*s.* 6*d.*; chequered . . . . . | 2 | 13 | 6 |
| **No. 3 Set**, containing Cartilage Knife and Catlin fitting socket handle, Saw, Chisel, Spine Wrench, Hammer, 2 Scalpels, Bowel Scissors, strong Scissors, Spring Forceps, Blowpipe, and Needles; in brass-bound mahogany case . . . | 3 | 9 | 0 |
| **No. 4 Set**, containing Saw, Cartilage Knife, and Catlin fitting in socket handle, 2 Chisels, Bowel Scissors, large and small Scissors, Bone Forceps, Hammer, Tripod, 6 Scalpels, Forceps, Chain Hooks, and Needles; in strong mahogany case . . | 4 | 16 | 6 |

Fig. 1282.

**Blowpipes** (*Fig.* 1282) . . . each 9*d.* and 0 1 0

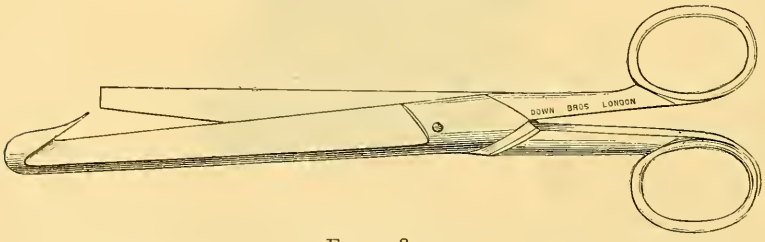



Fig. 1283.

**Bowel Scissors** (*Fig.* 1283), 2 sizes, each, 6*s.* 6*d.* and 0 8 0

## Post-Mortem Instruments, *continued.*

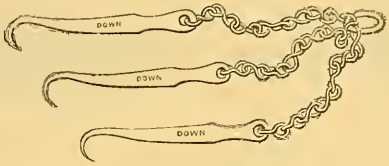



FIG. 1284.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Chain Hooks** (*Fig.* 1284) . . . . per set | | 0 | 1 | 4 |

FIG. 1285.

| | | | | |
|---|---|---|---|---|
| **Chisels,** with ebony handles (*Fig.* 1285) . . each | | 0 | 4 | 6 |

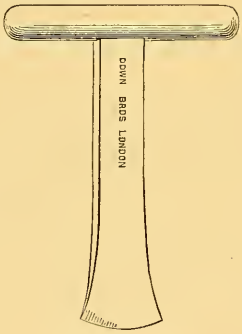



FIG. 1286.

| | | | | |
|---|---|---|---|---|
| With steel cross handles (*Fig.* 1286), fixed or loose each | | 0 | 3 | 6 |

FIG. 1287.

| | | | | |
|---|---|---|---|---|
| Rectangular, with steel handles (*Fig.* 1287) . . each | | 0 | 4 | 0 |
| **Forceps,** spring, strong (*Fig.* 192, *page* 47) . . „ | | 0 | 2 | 0 |
| **Gloves,—** | | | | |
| India-rubber . . . . . per pair | | 0 | 6 | 0 |
| Ditto, with gauntlets . . . . „ | | 0 | 8 | 6 |
| Ditto, patent film . . . . „ | | 0 | 6 | 9 |

## Post-Mortem Instruments, *continued.*

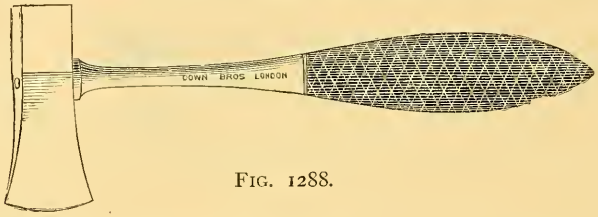



FIG. 1288.

| | £ | s. | d. |
|---|---|---|---|
| **Hammers,—** | | | |
| With plain steel handles (*Fig.* 1288) . . . each | 0 | 6 | 6 |
| Ebony handles . . each, plain, 7*s.*; chequered | 0 | 8 | 0 |

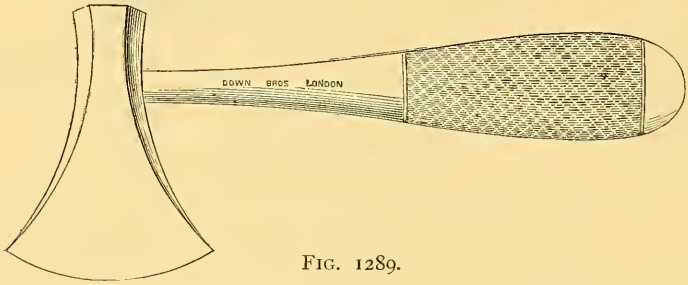



FIG. 1289.

| | | | |
|---|---|---|---|
| Large, with hatchet (*Fig.* 1289) . . . . each | 0 | 10 | 0 |

FIG. 1290.

**Knives,—**

| | | | |
|---|---|---|---|
| Brain (*Fig.* 1290), 6-in. blades, each, plain ebony, 5*s.* 6*d.*; chequered ebony | 0 | 6 | 6 |
| Ditto (*Fig.* 1290), 8½-in. blades, each, plain ebony, 7*s.* 6*d.*; chequered ebony | 0 | 8 | 6 |

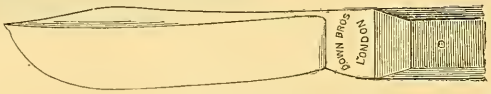



FIG. 1291.

| | | | |
|---|---|---|---|
| Cartilage, strong, with tangs through handles (*Fig.* 1291), two sizes, 3¼-in. and 3¾-in., blades, 4*s.* 6*d.* and . | 0 | 5 | 6 |
| Ditto, with Catlin, Chisel, and Saw in socket handle, each, plain ebony, 19*s.*; chequered | 1 | 0 | 0 |

## Post-Mortem Instruments, *continued.*

FIG. 1292.

| | £ | s. | d. |
|---|---|---|---|
| **Knives**, *continued*,— | | | |
| Catlins, strong, with tangs through handles . . . each | 0 | 5 | 6 |
| Single edge (*Fig.* 1292), strong, with tangs through handles, 3 sizes, $3\frac{3}{4}$-in., $4\frac{1}{4}$-in., and $4\frac{3}{4}$-in., blades, each, 4*s.* 6*d.*, 5*s.*, and | 0 | 5 | 6 |
| **Mallets** . . . . . each | 0 | 2 | 0 |
| **Needles** (*Fig.* 63, *page* 13) . . . . . per doz. | 0 | 4 | 0 |

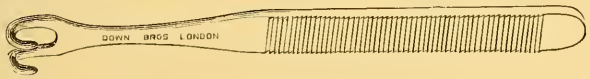



FIG. 1293.

**Retractors**, with steel handles (*Fig.* 1293) . . each 0 3 6

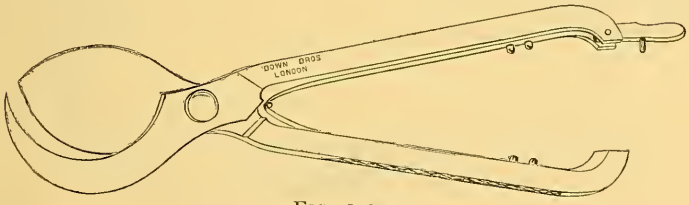



FIG. 1294.

**Rib Shears** (*Fig.* 1294) . . . each, 8*s.* 6*d.* and 0 15 9

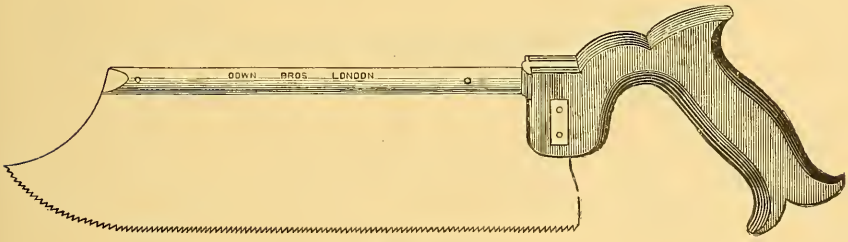



FIG. 1295.

**Saws** (*Fig.* 1295) . . . . . each 0 10 6

## Post-Mortem Instruments, *continued.*

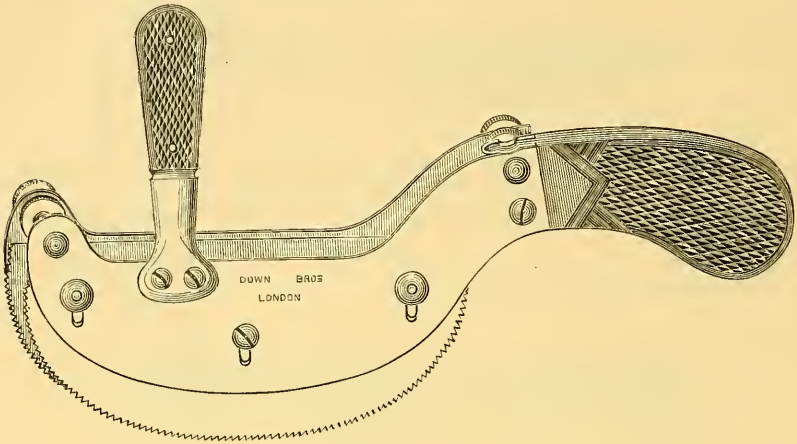



Fig. 1296.

| | £ | s. | d. |
|---|---|---|---|
| **Saws**, *continued*,— | | | |
| Spine, double-bladed (*Fig.* 1296) . . . . each | 1 | 17 | 6 |
| **Scalpels** (*Fig.* 108, *page* 26) . . . . per doz. | 0 | 16 | 0 |

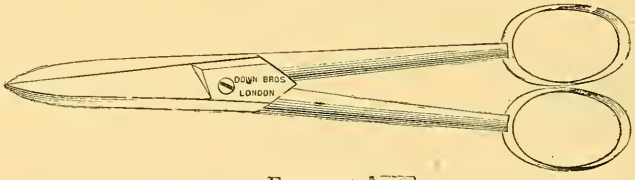



Fig. 1297.

| | | | |
|---|---|---|---|
| **Scissors** (*Fig.* 1297), each, $4\frac{1}{2}$-in., 1*s.* 10*d.*; $6\frac{1}{4}$-in., 3*s.*; 7-in. | 0 | 3 | 6 |
| Ditto, with one blunt point for fine ducts . each | 0 | 3 | 6 |

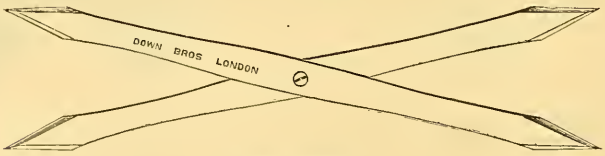



Fig. 1298.

| | | | |
|---|---|---|---|
| **Skull Rests**,— | | | |
| Plain, bipod (*Fig.* 1298) . . . . . each | 0 | 4 | 0 |

## Post-Mortem Instruments, *continued.*

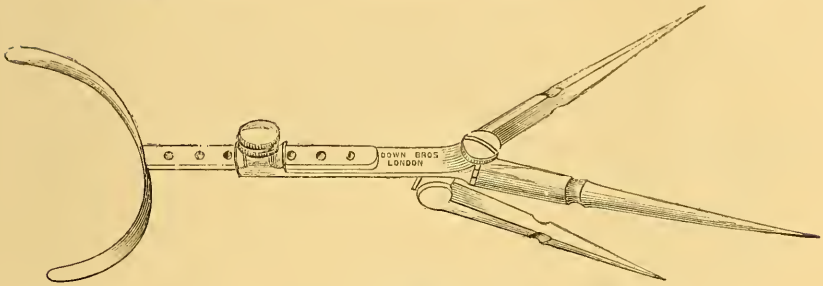



FIG. 1299.

| | £ | s. | d. |
|---|---|---|---|
| **Skull Rests,** *continued,*— | | | |
| Tripod (*Fig.* 1299) . . . . . each | 0 | 15 | 0 |

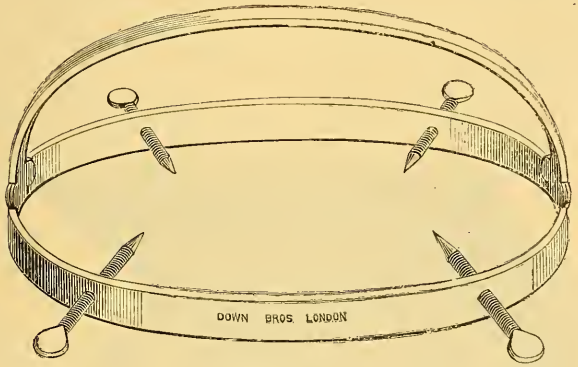



FIG. 1300.

| | | | |
|---|---|---|---|
| Coronet (*Fig.* 1300) . . . . . each | 1 | 4 | 0 |

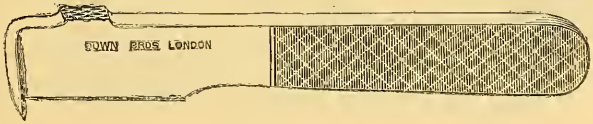



FIG. 1301.

| | | | |
|---|---|---|---|
| **Spine Wrench** (*Fig.* 1301). . . . . each | 0 | 4 | 6 |

## OSTEOLOGY.

*The supply of these preparations being limited, we cannot undertake to have on hand all those enumerated.*

| | £ | s. | d. |
|---|---|---|---|
| **Articulated Skeletons,—** | | | |
| No. 1, Articulated Skeleton, complete . . . each | 5 | 5 | 0 |
| No. 2, Ditto, fine . . . . . „ | 6 | 6 | 0 |
| No. 3, Ditto, very fine . . . . . „ | 7 | 7 | 0 |
| No. 3A, Ditto, ditto, finest procurable, articulated in superior manner, for lecturing purposes . each | 9 | 9 | 0 |
| No. 4, Ditto, for the use of schools, etc., one side wired, the other side fitted with artificial ligaments, for illustrating dislocations, etc.; on stand, each, from | 15 | 15 | 0 |
| Handsome Mahogany Cabinets to contain either of the above . . . . . each | 3 | 3 | 0 |
| Plain Wood Boxes for same . . . . „ | 0 | 7 | 6 |
| **Dis-Articulated Skeletons,—** | | | |
| No. 1, Dis-Articulated Skeleton . . complete in box | 3 | 13 | 6 |
| No. 2, Ditto, superior quality . in mahogany case | 5 | 5 | 0 |

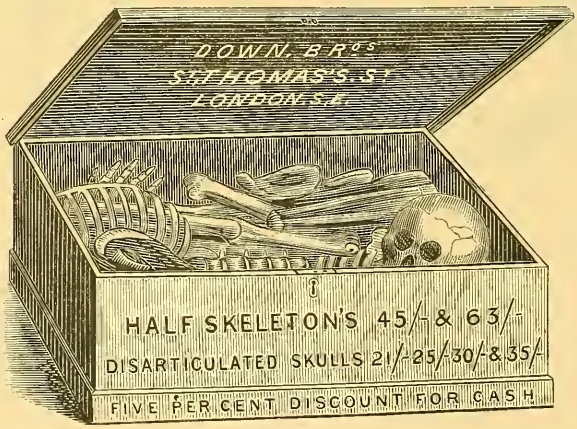



FIG. 1302.

| | | | |
|---|---|---|---|
| **Half Skeletons** (*Fig.* 1302),— | | | |
| No. 1, "Half Skeleton," consisting of skull with horizontal section, the vertebral column, os innominatum, sacrum, sternum, 1 hand, scapula, clavicle, humerus, radius, and ulna, 1 foot, femur, patella, tibia and fibula, and ribs of one side . . | 2 | 5 | 0 |
| No. 2, Ditto, superior quality . in mahogany case | 3 | 3 | 0 |

**Osteology,** *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Articulated Skulls,—** | | | |
| No. 1, Articulated Skull . . . . . each | 0 | 15 | 0 |
| No. 2, Ditto, with horizontal section . . . ,, | 1 | 1 | 0 |
| No. 3, Ditto, ditto, and vertical section . . ,, | 1 | 5 | 0 |
| **Dis-Articulated Skulls,—** | | | |
| No. 1, Dis-Articulated Skull . . . in box | 1 | 5 | 0 |
| No. 2, Ditto, fair specimen . . . ,, | 1 | 10 | 0 |
| No. 3, Ditto, fine, ditto . . . ,, | 1 | 15 | 0 |
| No. 4, Ditto, finest procurable, ditto . . ,, | 2 | 2 | 0 |
| **Feet,** strung on catgut . . . each, 6*s.* 6*d.* and | 0 | 7 | 6 |
| **Female Pelvis,** with natural ligaments and fœtal skull each | 2 | 10 | 0 |
| **Leather Figure,** with fœtus and placenta for obstetric demonstrations . . . . . each | 4 | 10 | 0 |
| **Hands,** strung on catgut . . each, 6*s.* 6*d.* and | 0 | 7 | 6 |
| **Vertebral Column,** strung on catgut . . . each | 1 | 1 | 0 |
| Ditto, superior . . . . . ,, | 1 | 5 | 0 |
| **Dr. Hale White's Drug Cabinet,** designed expressly for those preparing for the examination of the conjoint board . . . . . each | 1 | 2 | 0 |

## ANATOMICAL AND DISSECTION INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set,** consisting of 4 Scalpels in ebony handles, pair Scissors, Forceps, Chain Hooks, Needle, and Blowpipe; in mahogany case . . . . | 0 | 15 | 0 |
| The same set with ivory handles. . . . | 0 | 18 | 0 |
| **No. 2 Set,** consisting of 6 Scalpels in ebony handles, pair strong Scissors, pair fine Scissors, Forceps, Chain Hooks, Blowpipe, and Needle; in mahogany case . . . . . | 0 | 19 | 0 |
| The same set with ivory handles. . . . | 1 | 3 | 6 |
| **No. 3 Set,** suggested by Mr. Arbuthnot Lane, consisting of Large Scalpel, Nerve Knife, 3 Lane's Knives, with ebony handles; Hey's Skull Saw, Scissors, Forceps, Chain Hooks, Blowpipe, Needle, Hone and Strop; in mahogany case . . . . | 1 | 9 | 6 |
| The same set with ivory handles . . . . | 1 | 13 | 6 |

## Anatomical and Dissection Instruments, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **No. 4 Set**, suggested by Mr. Poland, consisting of 4 specially shaped Scalpels, with ebony handles, 2 pairs Scissors, Forceps, Chain Hooks, Blowpipe, 2 Needles and Hone | 0 | 19 | 0 |
| The same set with ivory handles | 1 | 2 | 0 |
| *No. 4 Set, fitted with Saw, 2s. 9d. extra.* | | | |
| **Anatomical Syringes,**— | | | |
| ½-oz., glass barrel, nickel-plated mounts, with 3 pipes and stopcock, in case | 1 | 1 | 0 |
| 1½-oz., ditto, ditto, with 3 pipes and stopcocks, each, 21*s.*; in case | 1 | 5 | 6 |
| 3-oz., ditto, ditto, ditto, each, 25*s.*; „ | 1 | 10 | 0 |
| 6-oz., brass, with set of 6 pipes and stopcock; in mahogany case | 2 | 10 | 0 |
| **Blowpipes** (*Fig.* 1282, *page* 360), each, 9*d.* and | 0 | 1 | 0 |
| **Chain Hooks** (*Fig.* 1284, *page* 361), per set | 0 | 1 | 4 |
| **Forceps** (*Fig.* 192, *page* 47), each | 0 | 2 | 0 |
| With fine points, „ | 0 | 3 | 0 |
| **Gloves**, india-rubber, per pair | 0 | 6 | 0 |
| **Needles** (*Fig.* 63, *page* 13), per doz. | 0 | 4 | 0 |
| **Scalpels** (*Fig.* 108, *page* 26), ebony handles per doz., 16*s.*; ivory | 1 | 4 | 0 |
| **Scissors** (*Fig.* 1297, *page* 364) each, 4½-in., 1*s.* 10*d.*; 5-in., 2*s.*; 5½-in., 2*s.* 6*d.*; 6¼-in. | 0 | 3 | 0 |

## MICROSCOPES AND MICROSCOPIC DISSECTION INSTRUMENTS, ETC.

| | £ | s. | d. |
|---|---|---|---|
| **Bird-Stuffing Instruments**, per set | 1 | 2 | 6 |
| **Microscopes,**— | | | |
| Student's Microscope, with sliding coarse adjustment, fine adjustment, ½-inch and ⅙th-inch Objectives, 2 Eye-pieces, Pointer to Eye-piece, Concave Mirror with lateral movement for oblique illumination, and Diaphragm, in mahogany case | 6 | 0 | 0 |

*Magnifying Power of Objectives.*

| Focal length. | Linear Magnifying Power with Eye-piece. | No. 1. | No. 2. |
|---|---|---|---|
| ½-inch | Draw tube closed | 88 | 126 |
| | „ pulled out | 127 | 180 |
| ⅙-inch | „ closed | 316 | 435 |
| | „ pulled out | 433 | 614 |

**Microscopes, etc.,** *continued.*

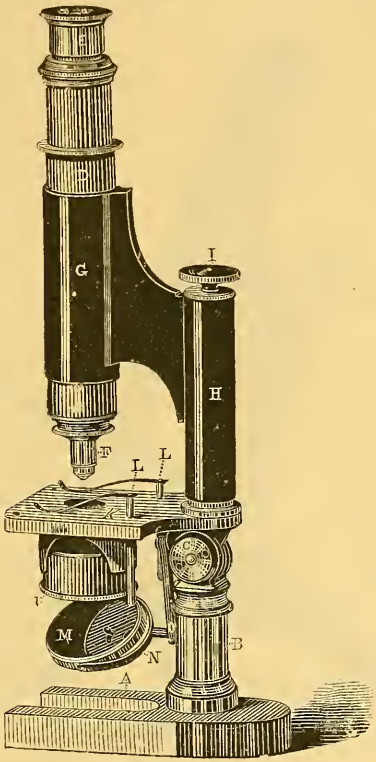



Fig. 1303.

**Microscopes,** *continued,*— £ s. d.

Student's Microscope, French Model (*Fig.* 1303), with sliding coarse adjustment, fine adjustment, 1-inch and ¼-inch Objectives, one Eye-piece, Concave Mirror with lateral movement for oblique illumination, and Diaphragm . . . . . in mahogany case 5 10 6

Student's Microscope (as *Fig.* 1303), but fitted with extra Eye-piece and side Condensing Lens; in mahogany case . . . . . 6 7 6

*Magnifying Power and Prices of Objectives.*

| Focal length. | | Linear Magnifying Power with Eye-piece, No. 1. | No. 2 | | £ s. d. |
|---|---|---|---|---|---|
| 1-inch | Draw tube closed | 45 | 60 | each | 1 0 0 |
| | ,, pulled out | 75 | 110 | | |
| ¼-inch | ,, closed | 155 | 240 | ,, | 1 10 0 |
| | ,, pulled out | 210 | 330 | | |
| ⅛ inch | ,, closed | 300 | 450 | ,, | 3 10 0 |
| | ,, pulled out | 500 | 700 | | |

## Microscopes, etc., *continued.*

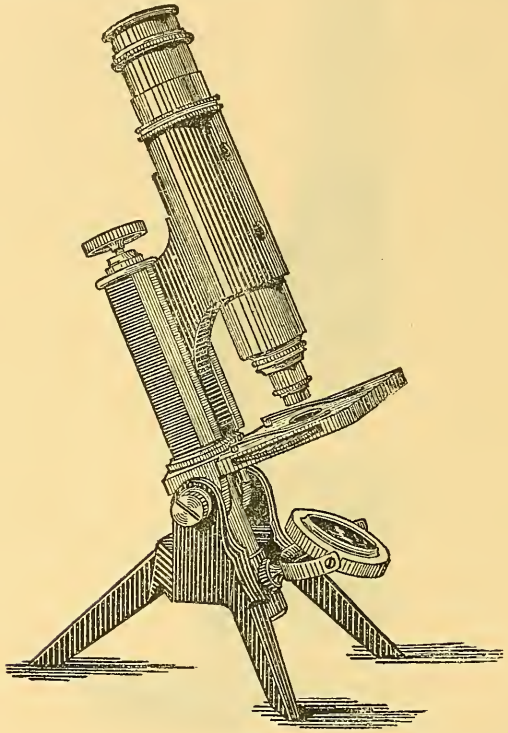


Fig. 1304.

**Microscopes,** *continued*,— £ s. d.

The "Worker" Microscope (*Fig.* 1304), with one Eye-piece and $\frac{1}{4}$-in. and 1-in. Objective; in mahogany case . . . . . 3 15 0

If with $\frac{1}{6}$th-in. in place of the $\frac{1}{4}$-in. Objective . . 4 0 0

*Magnifying Power of Objectives.*

| | | |
|---|---|---|
| 1-inch | Draw tube closed . . | 40 diameters. |
| | ,, pulled out . | 85 ,, |
| $\frac{1}{4}$-inch | ,, closed . . | 140 ,, |
| | ,, pulled out . | 280 ,, |
| $\frac{1}{6}$-inch | ,, closed . . | 170 ,, |
| | ,, pulled out . | 340 ,, |

**Accessories,**—

Polarizing Apparatus . . . . . 1 4 0

Camera Lucida, prism form . . . . . 0 15 0

## Microscopes, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Accessories**, *continued*,— | | | |
| Camera Lucida, neutral tint . . . . . | 0 | 6 | 0 |
| Micrometer Eye-piece . . . . . | 0 | 10 | 0 |
| Stand Condenser . . . . . | 0 | 8 | 0 |
| Cases for Holding Microscopic Slides,— | | | |
| Mahogany, to hold 6 dozen . . . . each | 0 | 5 | 0 |
| Pasteboard, containing 12 cardboard trays, each taking 24 slides . . . . . „ | 0 | 10 | 0 |
| Microscopic Slides, 3 × 1, ground edges . per gross | 0 | 5 | 6 |
| Ditto, ditto, hollowed . . . . . per doz. | 0 | 0 | 7 |
| Covers for ditto, circles . . . . per oz. | 0 | 4 | 6 |
| Ditto, squares . . . . . „ | 0 | 3 | 9 |
| **Microscopic Dissection Instruments**,— | | | |
| No. 1 Set, consisting of 4 Knives, 1 Needle, Spring Forceps, and Scissors . . in morocco case | 0 | 16 | 0 |
| No. 2 Set, consisting of 4 Knives, 2 Hooks, Needle, 2 pairs Spring Forceps, Self-holding Forceps, Spring Scissors, and Magnifying Lens; in morocco case . . . . . | 1 | 10 | 0 |
| No. 3 Set (Dr. Mahomed's), consisting of 1 Knife, 2 Scalpels, 2 Fine Needles, Needle Holder, 2 Section Razors, Small and Large Lifters, pair Dissecting Scissors, pair Fine Scissors, pair Dissecting Forceps, and pair Fine Forceps . . in plain deal case | 1 | 18 | 6 |

---

| | | | |
|---|---|---|---|
| **Microscopic Syringe**, brass, with stopcock and 3 pipes, in case . . . . . | 0 | 10 | 6 |
| Forceps, curved or straight . . . . . each | 0 | 3 | 0 |
| Ditto, straight, ivory handles . . . . „ | 0 | 5 | 3 |
| Hooks, double or single . . . . . „ | 0 | 1 | 6 |
| Knives, various shapes, ivory handles . . . „ | 0 | 1 | 6 |
| Lifters, for lifting sections, 2 sizes. . . . „ | 0 | 2 | 3 |
| Needles, in fixed handles . . . . per doz. | 0 | 3 | 6 |
| Needle-holders . . . . . each | 0 | 1 | 9 |
| Pipettes . . . . . „ | 0 | 0 | 6 |
| Scalpels, ebony handles . . . . per doz. | 0 | 16 | 0 |
| Scissors, straight, fine . . . . . each | 0 | 2 | 0 |
| Ditto, curved on flat . . . . . „ | 0 | 3 | 9 |
| Ditto, spring, curved, with ivory handle . . „ | 0 | 5 | 3 |
| Ditto, ditto, steel handle, straight or curved on flat „ | 0 | 3 | 6 |
| Section Knives, Valentin's . . . . . „ | 0 | 12 | 0 |
| Section Razors . . . . . „ | 0 | 3 | 0 |
| Seekers, in fixed handles . . . . per doz. | 0 | 5 | 0 |

**Microscopes, etc.,** *continued.*

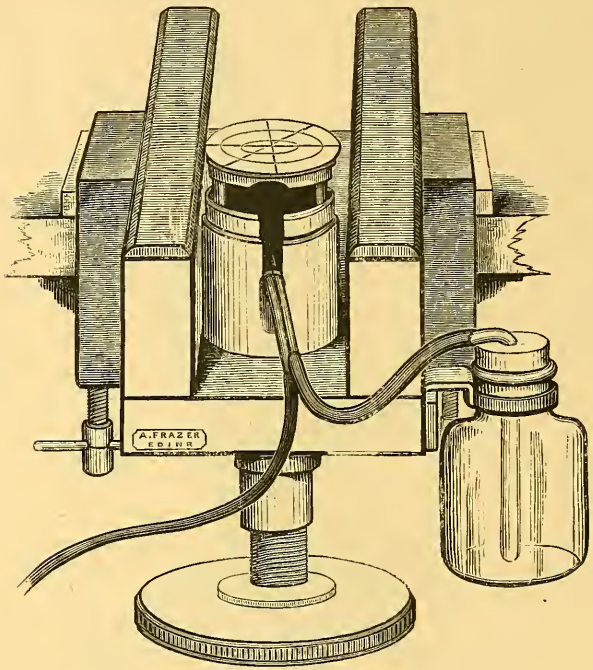



FIG. 1305.

| **Microtomes,—** | £ | s. | d. |
|---|---|---|---|
| Cathcart's, for ether freezing, with Bellows, Spray Points and Ether Bottle complete (*Fig* 1305) . | 0 | 17 | 6 |
| Ditto, improved, for freezing and embedding complete | 1 | 1 | 0 |
| Professor Rutherford's Section Knife . . . . | 0 | 5 | 6 |
| Plane Iron ditto . . . . . | 0 | 2 | 6 |
| Cabinet, to contain Microtome, etc., in separate divisions . . . . . | 0 | 5 | 6 |
| Plain wooden case for ditto . . . . . | 0 | 2 | 0 |

## CUPPING INSTRUMENTS.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1 Set**, containing 12-blade Scarificator, set of 6 Glasses, Lamp and Spirit Bottle; in mahogany case . . . . . | 2 | 2 | 0 |
| *This set can also be had in morocco case.* | | | |
| **No. 2 Set**, containing 12-blade Scarificator, Temple Scarificator (4-blade), set of Six Glasses, Lamp and Spirit Bottle; in brass-bound mahogany case . . . . . | 3 | 16 | 0 |
| **No. 3 Set**, containing 12-blade Scarificator, Exhausting Syringe, set of 6 Glasses with 2 stopcocks, Lamp and Spirit Bottle . in mahogany case | 2 | 12 | 0 |

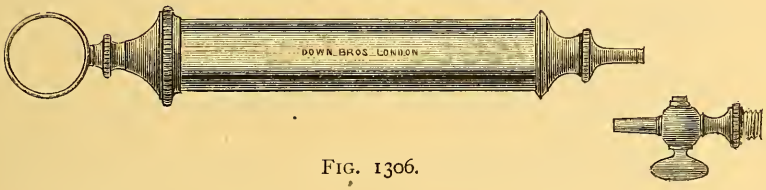



Fig. 1306.

| | | | |
|---|---|---|---|
| **Brass Exhausting Syringe** for dry cupping . each | 0 | 6 | 6 |
| Ditto, with stopcock (*Fig.* 1306) . . . „ | 0 | 8 | 6 |

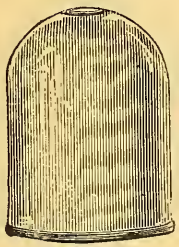


Fig. 1307.

| | | | |
|---|---|---|---|
| Glasses, with brass mounts, to use with same (*Fig.* 1307) 3 sizes . . . . . each | 0 | 2 | 0 |
| Set of 3 ditto, with one stopcock and exhausting syringe . . . . . in box | 0 | 18 | 6 |

## Cupping Instruments, *continued.*

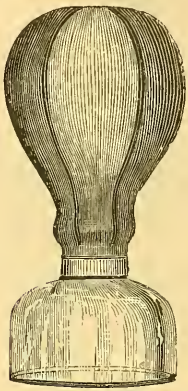


Fig. 1308.

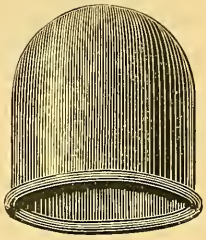


Fig. 1309.

| | £ | s. | d |
|---|---|---|---|
| **Cupping Glasses**, plain . . . . . per doz. | 0 | 6 | 6 |
| Ditto, for dry cupping, with india-rubber ball (*Fig.* 1308) per doz. | 1 | 10 | 0 |
| Solid Rubber, for dry cupping (*Fig.* 1309), 2 sizes, each, 2*s.* 6*d.* and | 0 | 3 | 0 |
| **Cupping Lamps**, brass . . . . . each | 0 | 3 | 0 |
| Ditto, ditto, ball shape . . . . . „ | 0 | 2 | 0 |

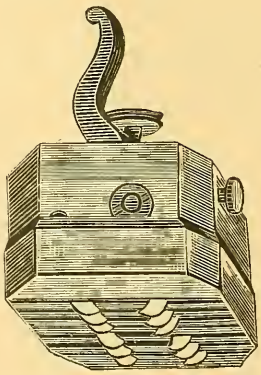


Fig. 1310.

| | | | |
|---|---|---|---|
| **Scarificators**, common quality, with 12 blades . each | 0 | 13 | 6 |
| Ditto, best, with 4 blades . . . . . „ | 0 | 17 | 6 |
| Ditto, ditto, with 6 blades . . . . . „ | 1 | 1 | 0 |
| Ditto, ditto, with 12 blades (*Fig.* 1310) . . „ | 1 | 4 | 0 |

## Cupping Instruments, *continued.*

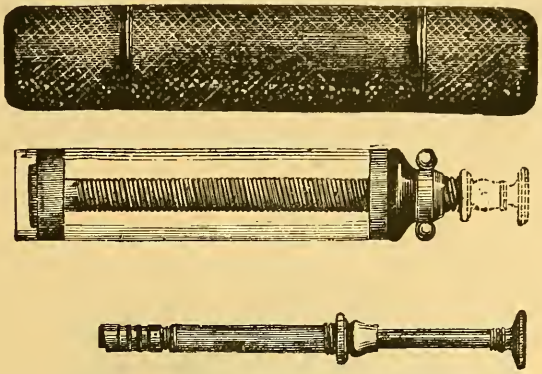


Fig. 1311.

| | £ | s. | d. |
|---|---|---|---|
| **Artificial Leeches,** metal cases (*Fig.* 1311). . each | 1 | 11 | 6 |

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## ELECTRO-MAGNETIC AND GALVANIC APPARATUS.

### Apparatus for Apostoli's Method of Treating Uterine Tumours, etc.,—

| | | | |
|---|---|---|---|
| Apostoli's Uterine Electrodes, blunt, with platinum ends only . . . . . each | 2 | 2 | 0 |
| Ditto, ditto, solid platinum throughout . . from | 3 | 3 | 0 |
| Ditto, ditto, "conic disc" and "concentric disc" Electrodes for localizing currents . . . each | 0 | 12 | 6 |

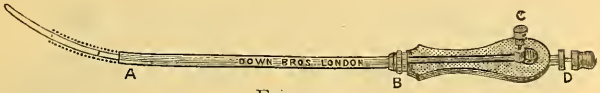



Fig. 1312.

| | | | |
|---|---|---|---|
| Apostoli's Uterine Electrodes, improved by Dr. Inglis Parsons (*Fig.* 1312), blunt, with platinum ends only . . . . . each | 2 | 2 | 0 |
| Ditto, solid platinum throughout . . . from | 4 | 4 | 0 |
| Sharp, with steel Trocar point . . . each | 1 | 1 | 0 |

A *is a non-conducting sheath, which can be fixed at any point by screw* C, *to expose more or less of the platinum point.*
B. *Bayonet-catch mount, by means of which sheath can be removed for cleansing.*
D. *Point of attachment for conducting cord.*

## Electro-Magnetic and Galvanic Apparatus, *continued.*

### Apparatus for treating Uterine Tumours, etc., *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| External Electrode, Apostoli's Disc, to use with potters' clay . . . . . each | 0 | 7 | 6 |
| Ditto, ditto, modified by Dr. Inglis Parsons, large oval, to use with damped napkin . . . each | 0 | 10 | 6 |

*Can also be used with the potters' clay.*

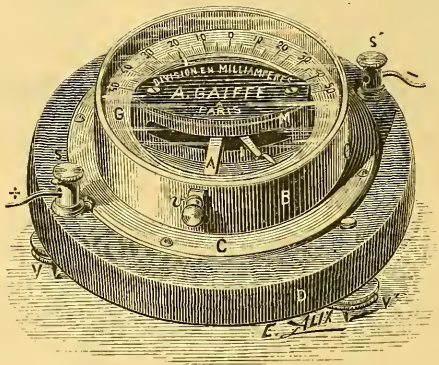



Fig. 1313.

Galvanometer, Gaiffe's (*Fig.* 1313), graduated to 250 milliampères . . . . . each 2 15 0

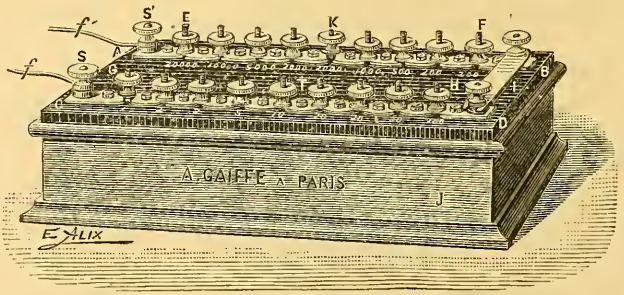



Fig. 1314.

Rheostat, Gaiffe's (*Fig.* 1314) . . . . each 4 0 0

*The most suitable batteries to use are Stöhrer's* 30 *and* 40 *cell* (see "*Constant Current Batteries*").

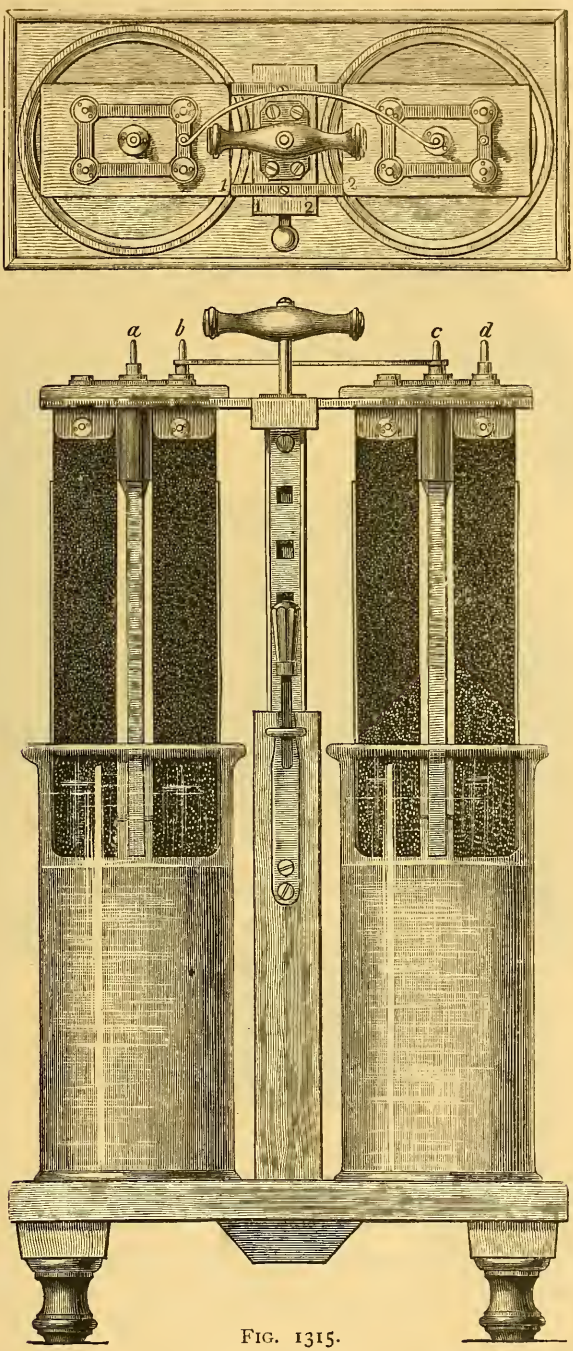



FIG. 1315.

## Electro-Magnetic and Galvanic Apparatus, *continued.*

£ s. d.

**Cautery Batteries** (*see also "Electric Light Apparatus"*),—

Brun's, 2 cells (*Fig.* 1315) . . . . . each 6 10 0

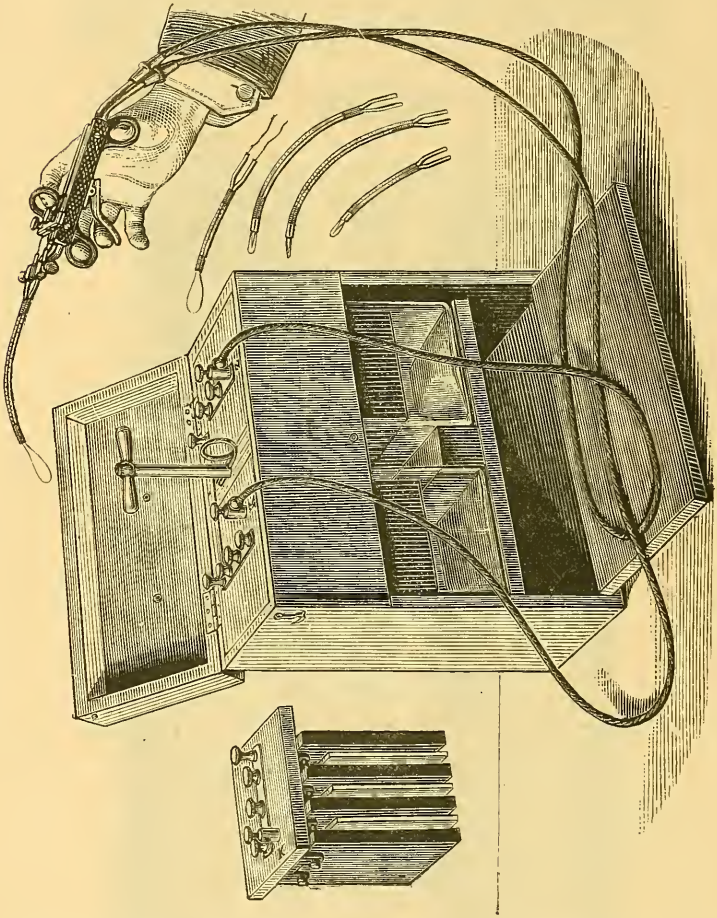


Fig. 1316.

Bunsen's, 4 cells. . . . . each 8 8 0

Lennox Brown's (*Fig.* 1316), each, 2 cells, £8 ; 3 cells 10 10 0

**Constant Current,—**

Carbon Zinc Plates, improved, 20-cell, in mahogany case . . . . . each 7 10 0

## Electro-Magnetic and Galvanic Apparatus, *continued.*

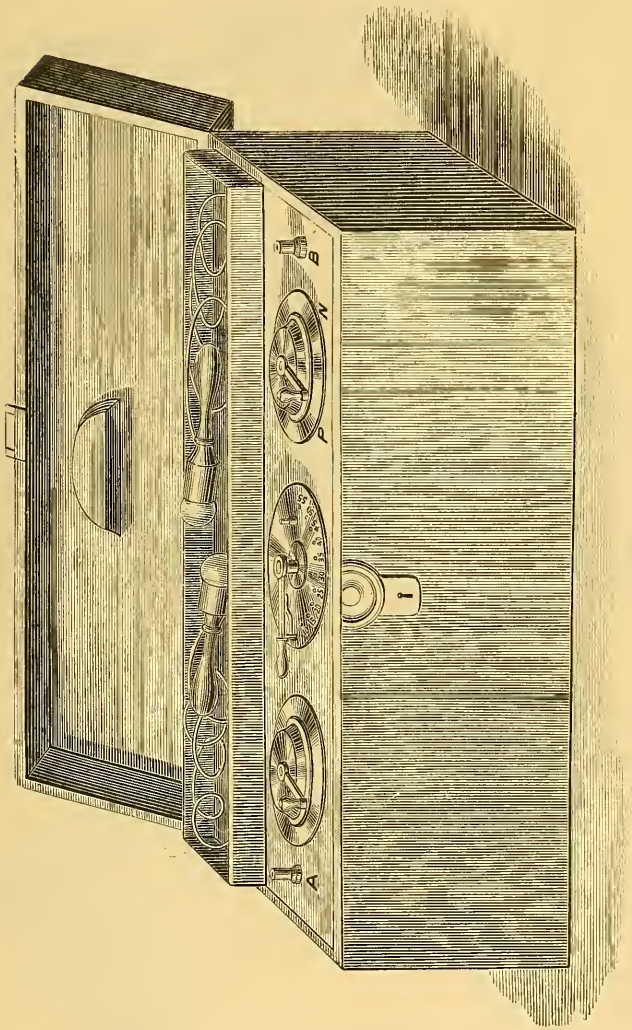



Fig. 1317.

| Constant Current, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Leclanché (Silvertown patent), (*Fig.* 1317),— | | | |
| 20-Cell, each, £4 10*s.*, with current breaker . each | 5 | 10 | 0 |
| 30-Cell, each, £6 ; with current breaker . . „ | 7 | 10 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

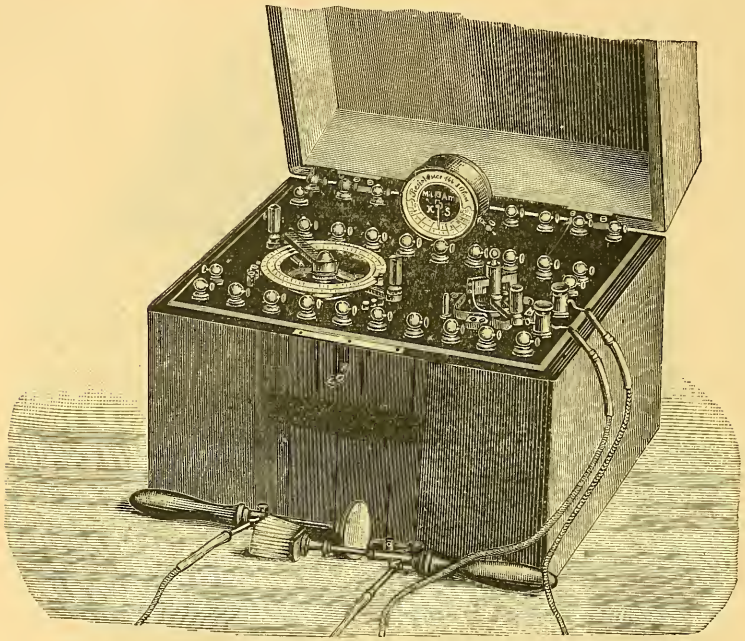


Fig. 1318.

| Constant Current, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Leclanché (Silvertown patent),— | | | |
| 40-Cell, each, £7; with current breaker, commutator and pole reverser . . . . . each | 10 | 10 | 0 |
| New Improved, fitted with modified Leclanché elements, cell selector, current reverser and galvanometer (*Fig.* 1318), arranged so that it can be used to indicate either from 1 to 25 or from 10 to 250 milliampéres (*Fig.* 1318). | | | |
| 20-Cell . . . . . each | 12 | 0 | 0 |
| 30-Cell . . . . . „ | 15 | 0 | 0 |
| 40-Cell . . . . . „ | 17 | 10 | 0 |
| Smee's 20-Cell . . . . . „ | 6 | 7 | 6 |
| With automatic lifting tray, to raise the cells and immerse the elements on opening the lid . each | 8 | 12 | 6 |
| Smee's 30-Cell . . . . . „ | 7 | 0 | 0 |
| With automatic lifting tray, etc., etc. . . „ | 9 | 5 | 0 |
| Smee's 40-Cell . . . . . „ | 9 | 0 | 0 |
| With automatic lifting tray, etc., etc. . . „ | 11 | 5 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

| | | £ | s. | d. |
|---|---|---|---|---|
| **Constant Current,** *continued*,— | | | | |
| Smee's 50-Cell . . . . . | each | 10 | 10 | 0 |
| With automatic lifting tray, to raise the cells and immerse the elements on opening the lid . | each | 12 | 15 | 0 |
| Smee's 60-Cell . . . . . | „ | 12 | 0 | 0 |
| With automatic lifting tray, etc., etc. . . | „ | 14 | 5 | 0 |

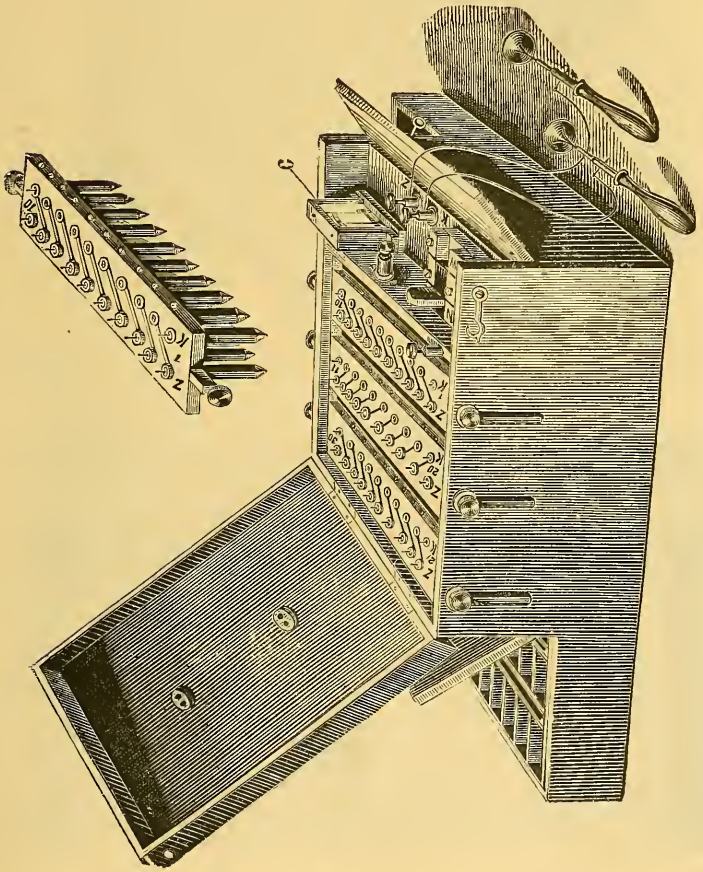


Fig. 1319.

Spamer's 30-Cell (*Fig.* 1319) . . . . each 7 7 0

## Electro-Magnetic and Galvanic Apparatus, *continued.*

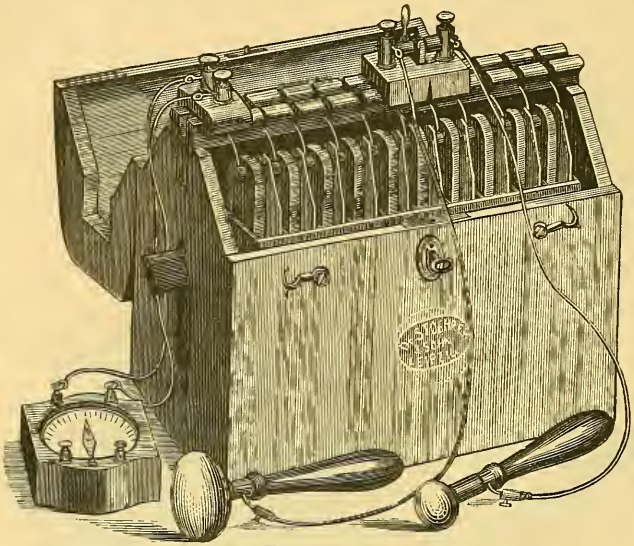


Fig. 1320.

**Constant Current,** *continued*,—

| | | £ | s. | d. |
|---|---|---|---|---|
| Stöhrer's Portable (*Fig.* 1320), 20-Cell. . . | each | 7 | 0 | 0 |
| Ditto, ditto, 30-Cell . . . . . | ,, | 9 | 10 | 0 |

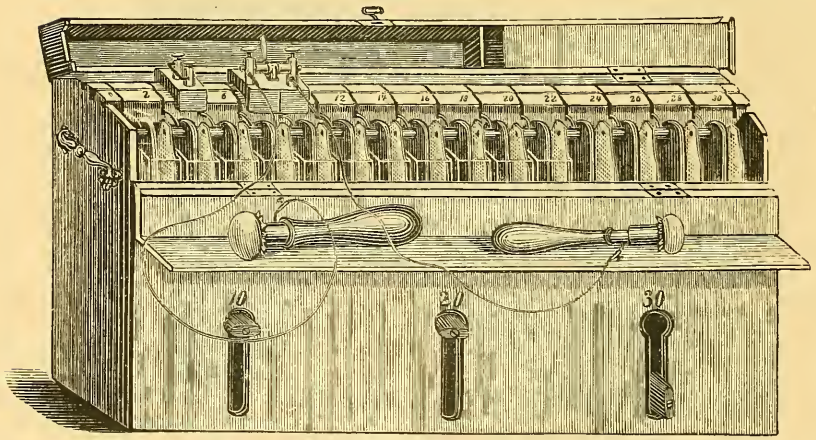



Fig. 1321.

| | | | | |
|---|---|---|---|---|
| Ditto, Hospital (*Fig.* 1321), 20-Cell. . . | each | 5 | 5 | 0 |
| Ditto, ditto, 30-Cell . . . . . | ,, | 7 | 7 | 0 |
| Ditto, ditto, 40-Cell . . . . . | ,, | 8 | 8 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

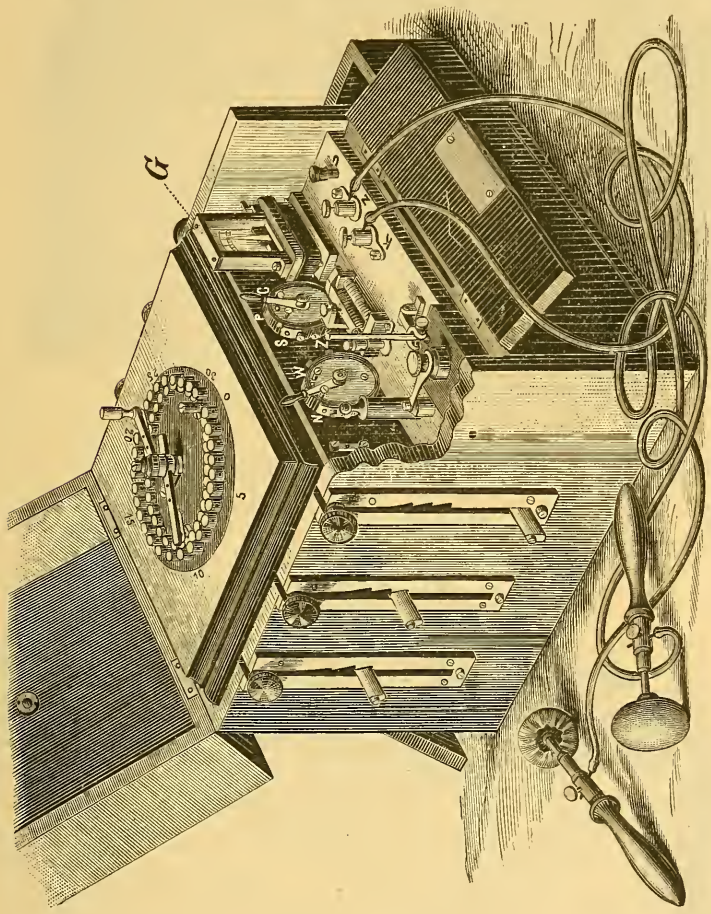



Fig. 1322.

| Constant and Induced Currents combined,— | £ | s. | d. |
|---|---|---|---|
| Glauert's 30-Cell (*Fig.* 1322) . . . . each | 9 | 9 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

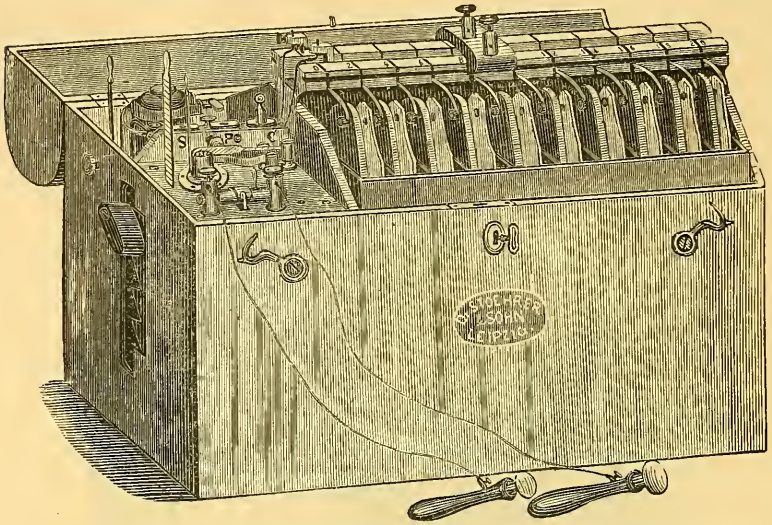


Fig. 1323.

### Constant and Induced Currents combined, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Stöhrer's 20-Cell (*Fig.* 1323) . . . . each | 10 | 10 | 0 |
| Ditto, 30-Cell ,, . . . . ,, | 12 | 12 | 0 |

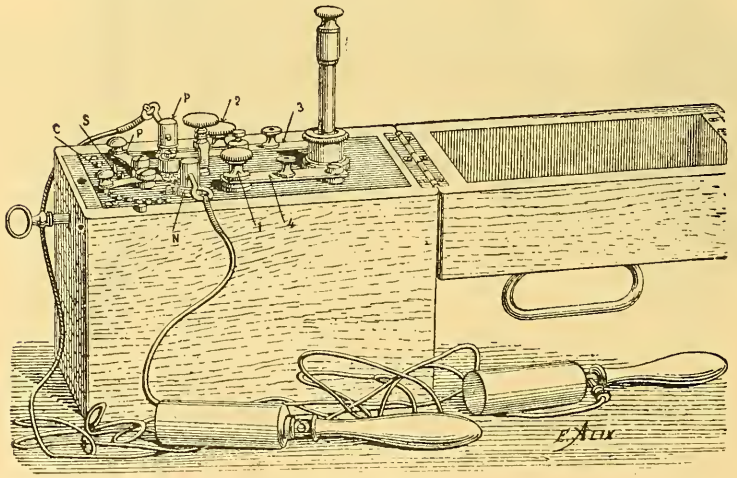


Fig. 1324.

### Induced Current Batteries,—

| | | | |
|---|---|---|---|
| Butler Smythe's (*Fig.* 1324). . . . . each | 2 | 2 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

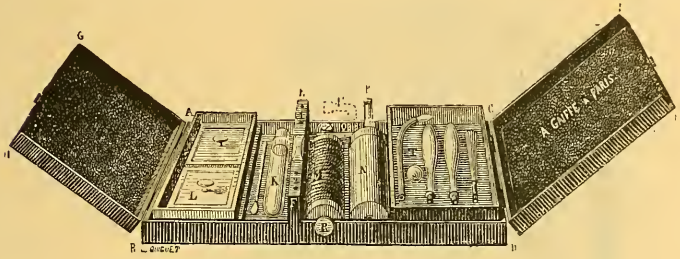


Fig. 1325.

**Induced Current Batteries,** *continued*,— £ s. d.

Gaiffe's, Bisulphate of Mercury (*Fig.* 1325) . . each 1 11 6

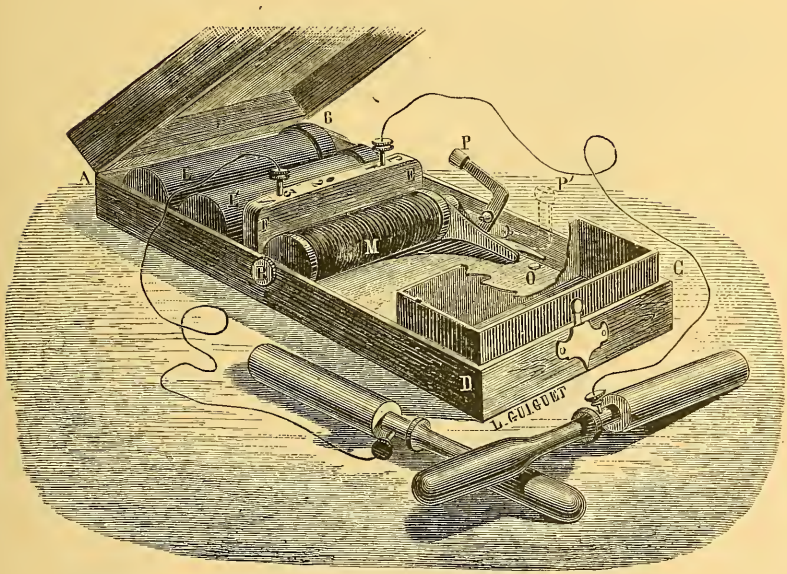



Fig. 1326.

Gaiffe's, Chloride of Silver (*Fig.* 1326). . . each 2 2 0

## Electro-Magnetic and Galvanic Apparatus, *continued.*

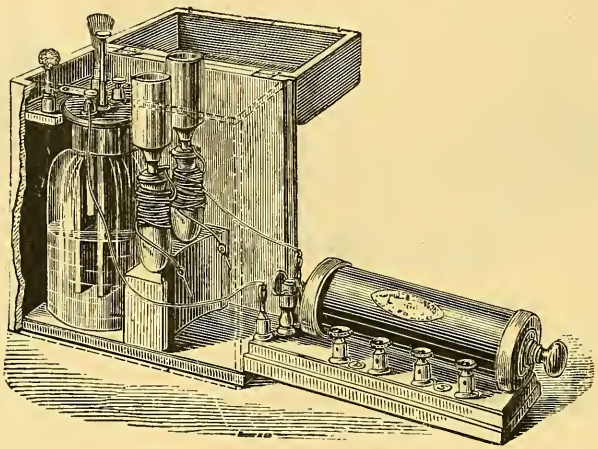


Fig. 1327.

**Induced Current Batteries,** *continued,*— £ s. d.

Improved Bichromate (Stöhrer's principle), with primary, secondary, and combined currents (*Fig.* 1327) . . 3 10 0

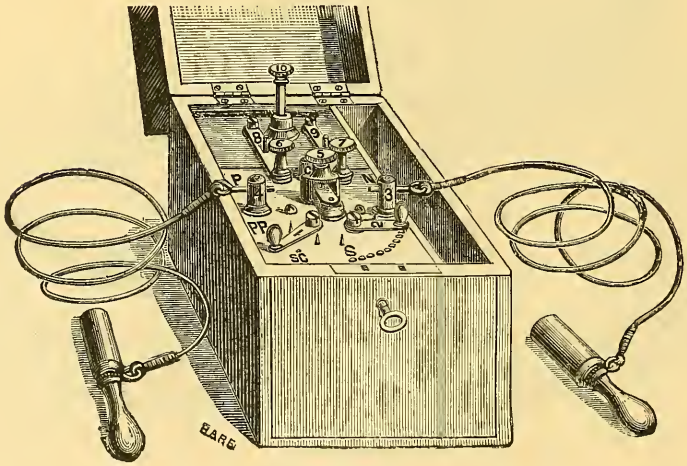



Fig. 1328.

Mackenzie's (*Fig.* 1328) . . . . . each 2 5 0

## Electro-Magnetic and Galvanic Apparatus, *continued.*

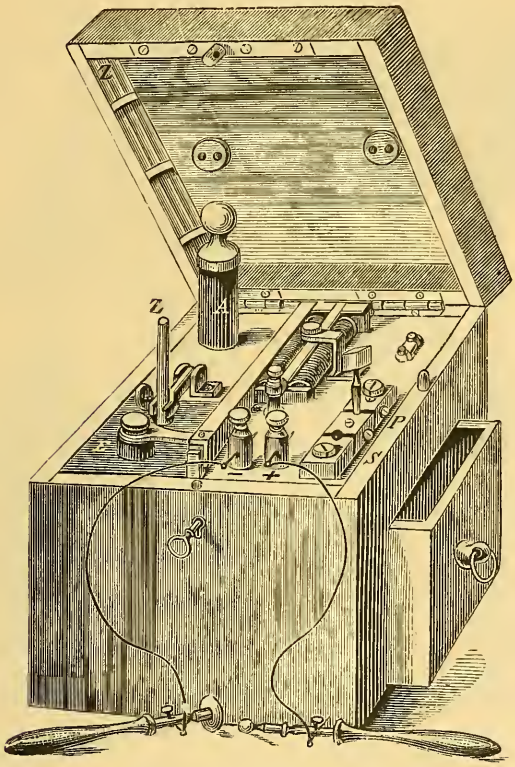



Fig. 1329.

| **Induced Current Batteries,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Spamer's, 1-Cell (*Fig.* 1329) . . . . each | 2 | 2 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

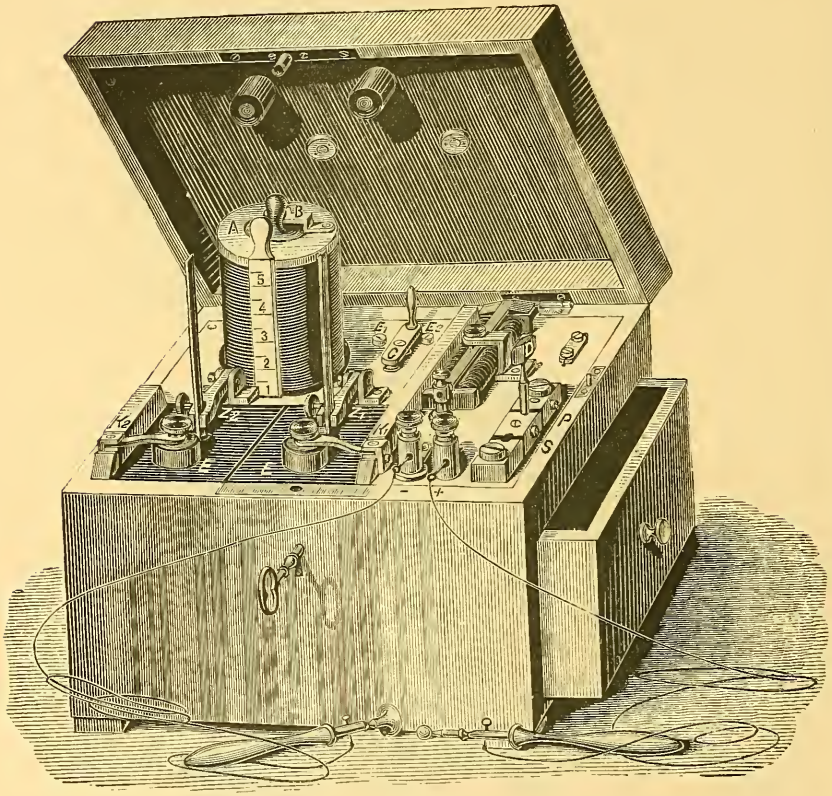



Fig. 1330.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Induced Current Batteries,** *continued,*— | | | | |
| Spamer-Taube's, 2-Cell (*Fig.* 1330) . . . | each | 3 | 3 | 0 |
| Stöhrer's, 1-Cell (*Fig.* 1331) . . . . | „ | 3 | 17 | 6 |
| Ditto, 2-Cell (*Fig.* 1332) . . . . . | „ | 5 | 5 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

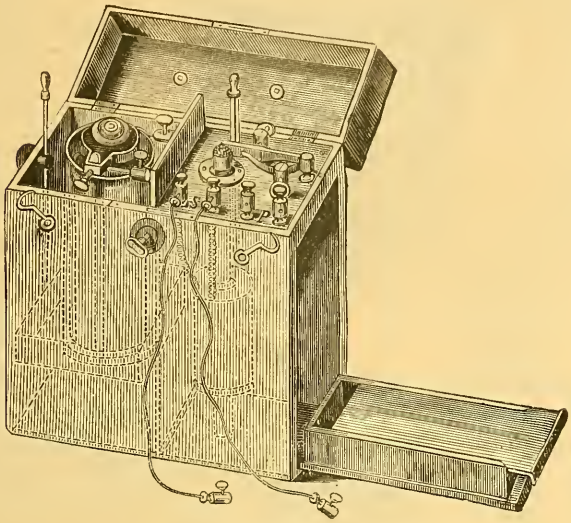


Fig. 1331.

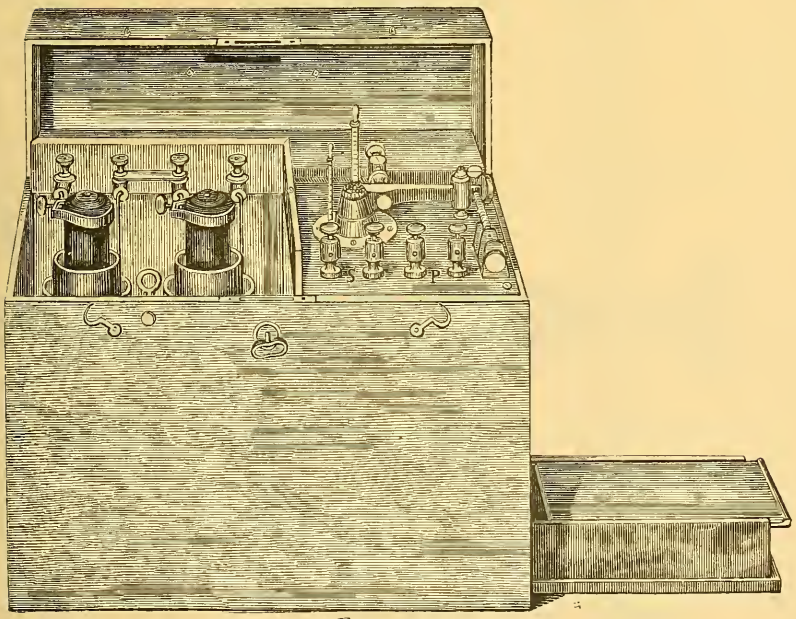


Fig. 1332.

## Electro-Magnetic and Galvanic Apparatus, *continued.*

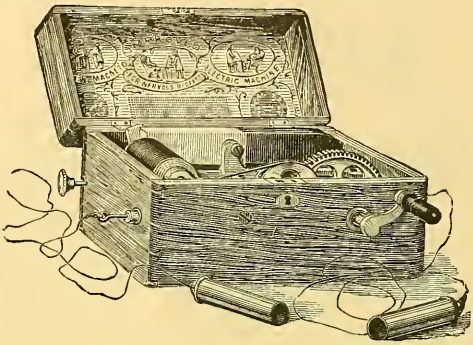


Fig. 1333.

| Magneto-Electric Machines,— | £ | s. | d. |
|---|---|---|---|
| Double Magnet . . . . . each | 1 | 18 | 0 |
| Single ditto (*Fig.* 1333) . . . each, 24*s.* and | 1 | 10 | 0 |

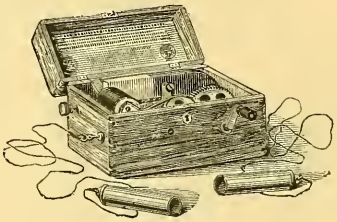


Fig. 1334.

Portable (*Fig.* 1334) . . . . . each 1 1 0

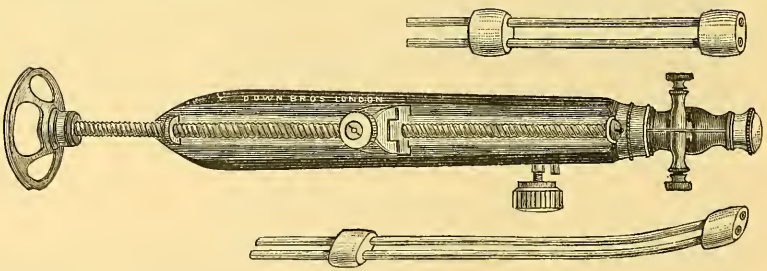



Fig. 1335.

### Cauteries for use with Cautery Batteries,—

Full Size Appliances for Uterus, Tongue, etc.

| | | | |
|---|---|---|---|
| Ecraseur, with curved and straight ends (*Fig.* 1335), each | 4 | 4 | 0 |
| Porcelain Cauteries, in two sizes . . . „ | 1 | 10 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

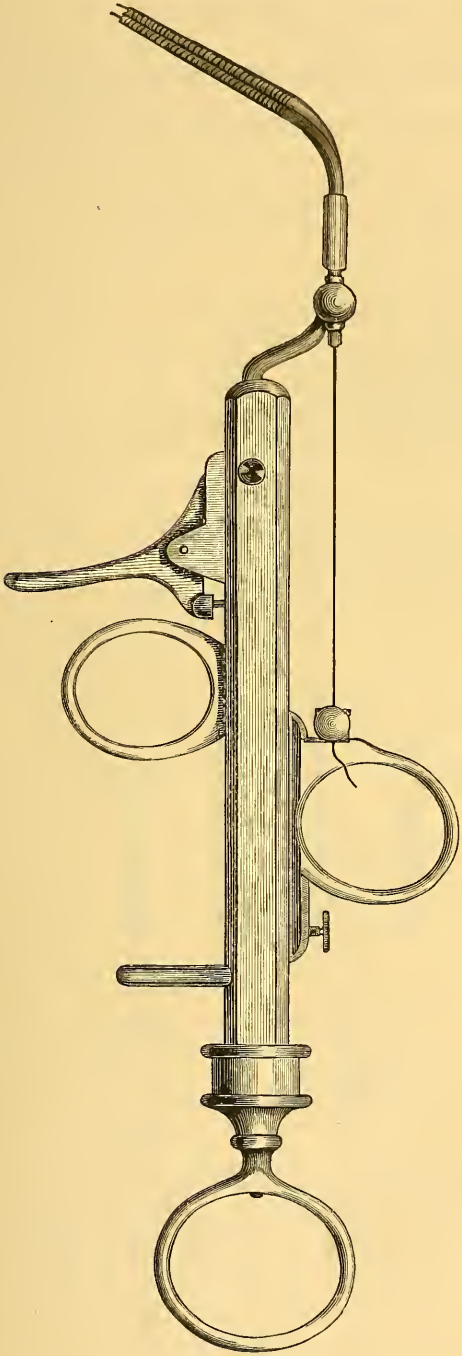


Fig. 1336.

Fig. 1337.

## Electro-Magnetic and Galvanic Apparatus, *continued.*

### Cauteries for use with Cautery Batteries, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Platinum Knife, cutting Cautery . . . each | 1 | 10 | 0 |
| Complete Set, consisting of Ecraseur with straight and curved ends, two porcelain Cauteries, straight and curved platinum Cauteries . . in case | 11 | 0 | 0 |

Smaller Size Appliances for Throat, Nose, Ear, etc.

| | | | |
|---|---|---|---|
| Schech's Complete Set of Cautery Appliances, for ear, throat, and posterior nares, consisting of 2 handles (*Figs.* 1336 *and* 1337), 5 variously curved tubes for wires, and 10 various platinum burners, in case | 5 | 0 | 0 |
| Schech's Ecraseur handle (*Fig.* 1336) . . each | 1 | 15 | 0 |
| Curved Tubes for Wires, for use with same, various each | 0 | 4 | 6 |
| Schech's handle, for platinum burners (*Fig.* 1337) „ | 0 | 17 | 6 |

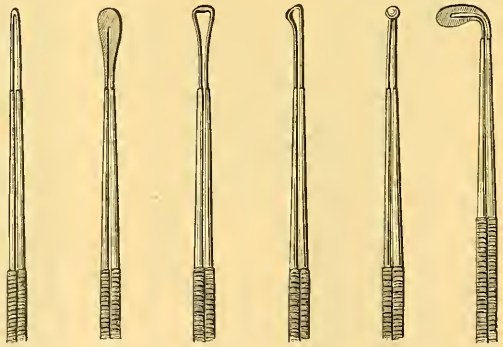



Fig. 1338.

| | | | |
|---|---|---|---|
| Platinum burners, for use (*Fig.* 1338, *Nos.* 1 *to* 6) with same . . . . . each | 0 | 5 | 6 |
| Porcelain Burners, for use with same . . „ | 0 | 6 | 6 |
| **Charts**, for recording results of application of current, per 100 | 0 | 5 | 6 |
| **Electrolysis Needles**, for use with Constant Current Batteries, with serrefine holders,— per set of 2, 6*s.* 6*d.*; 4, 11*s.* 6*d.*; 6 | 0 | 15 | 0 |
| Spare Needles. . . . . each | 0 | 1 | 0 |

*Insulated Needles, 2s. each extra.*

## Electro-Magnetic and Galvanic Apparatus, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Electrolysis Needles,** *continued*,— | | | |
| With flattened platinum points, insulated stems, for use with long ebonite handle . . . each | 0 | 3 | 0 |
| Ebonite handles, for use with same . . . „ | 0 | 4 | 0 |

*These needles are used singly. Those with the serrefine handles may be inserted* 2, 4, *or* 6 *at same time.*

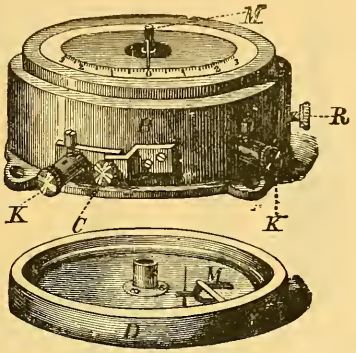



Fig. 1339.

**Galvanometers,** Edelmann's (*Fig.* 1339), for use with Constant Current Batteries . . . . . 2 15 0

*These are so arranged that they can be adjusted to indicate either from* 1 *to* 25 *milliamperes for ordinary applications, or from* 10 *to* 250 *milliamperes for high currents.*

**Golding-Bird's Electrolytic Caustic** . . each 0 5 6

Fig. 1340.

Fig. 1341.

Fig. 1342.

**Rheophores,** for use with Constant or Induced Current Batteries,—

| | | | |
|---|---|---|---|
| Carbon Points for Nerves (*Fig.* 1340) . . . each | 0 | 2 | 0 |
| Discs (*Fig.* 1341) . . . . . „ | 0 | 2 | 0 |
| Ditto, with interrupter (*Fig.* 1342) . . . „ | 0 | 3 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

Fig. 1343.

Fig. 1344.

Fig. 1345.

Fig. 1346.

Fig. 1347.

Fig. 1348.

| Rheophores, *continued*,— | £ | *s.* | *d.* |
|---|---|---|---|
| Double Carbon Discs (*Fig.* 1343) . . . each | 0 | 10 | 0 |
| Ear (*Fig.* 1344) . . . . . „ | 0 | 5 | 6 |
| Eustachian . . . . . „ | 0 | 5 | 6 |
| Eyelid (*Fig.* 1345) . . . . . „ | 0 | 2 | 0 |
| Ditto, double (*Fig.* 1346) . . . . „ | 0 | 2 | 6 |
| Faradization, straight (*Fig.* 1347). . . . „ | 0 | 2 | 0 |
| Ditto, oval form (*Fig.* 1348) . . . . „ | 0 | 6 | 0 |
| Œsophagus, 24 in. long . . . . „ | 0 | 8 | 6 |

Fig. 1349.

| | | | |
|---|---|---|---|
| Olive End (*Fig.* 1349) . . . . . each | 0 | 3 | 6 |
| Rectum . . . . . „ | 0 | 5 | 6 |

Fig. 1350.

| | | | |
|---|---|---|---|
| Sponge (*Fig.* 1350) . . . . . each | 0 | 1 | 0 |

## Electro-Magnetic and Galvanic Apparatus, *continued.*

Fig. 1351.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Rheophores,** *continued*,— | | | | |
| Square (*Fig.* 1351) | each | 0 | 4 | 6 |
| Urethra (Bruce Clarke's) | „ | 0 | 6 | 6 |
| Uterus or Vagina | „ | 0 | 5 | 6 |
| Throat, Mackenzie's, with Interrupter | „ | 0 | 7 | 6 |
| Ditto, Band, ditto, for use externally | „ | 0 | 5 | 6 |
| Spare Conducting Cords, with fittings | per set | 0 | 3 | 6 |
| Ditto, ditto, for Cautery Batteries | „ | 0 | 5 | 6 |

## ELECTRIC LIGHT APPARATUS.

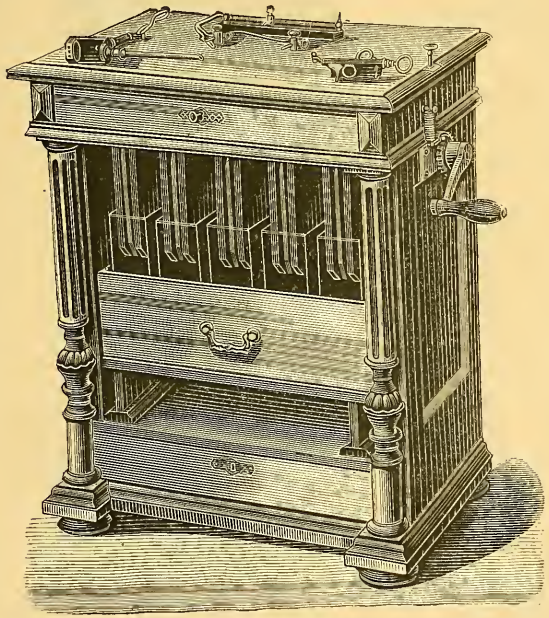


Fig. 1352.

| | | | | |
|---|---|---|---|---|
| **Hospital Battery** (*Fig.* 1352),— | | | | |
| Six Cells, bichromate | each | 21 | 0 | 0 |
| Eight Cells, ditto | „ | 23 | 10 | 0 |

## Electric Light Apparatus, *continued.*

| | | £ | s. | d. |
|---|---|---|---|---|
| **Hospital Battery,** *continued,*— | | | | |
| Conducting Cords, extra sets . . . | per set | 0 | 5 | 6 |
| Bichromate Solution . . . . . | per gal. | 0 | 4 | 6 |

*This battery is undoubtedly the best that is made for all electric lighting and cautery purposes; but being a stationary apparatus, it is most suitable for hospitals or the consulting room of specialists. Owing to the large surface of the plates, and the capacity of the cells, there is ample reserve of power, and the solution will last from 6 to 12 months, when in constant use, without re-charging. The rack action at the side allows of the plates being immersed only to the required depth. The cells should be entirely lowered when the battery is out of use. One of the most important features in this apparatus, and also in Fig. 1353, is the addition of a Rheostal, by which a certain amount of resistance is introduced into the circuit, and can be gradually reduced to the required point suitable for the various cautery points and lighting apparatus.*

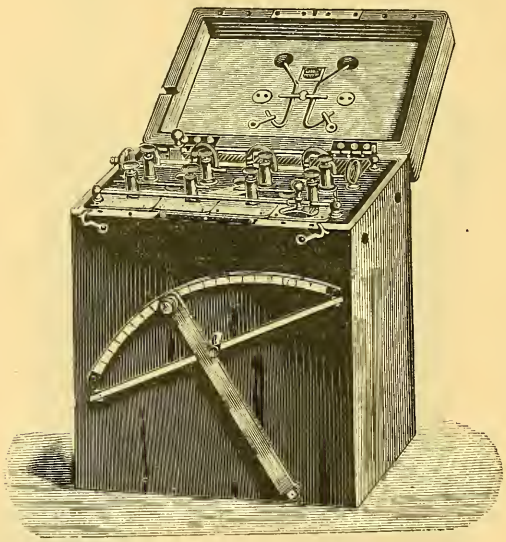


Fig. 1353.

| | | | | |
|---|---|---|---|---|
| **Portable Battery** (*Fig.* 1353),— | | | | |
| Six Cells, bichromate . . . . . | each | 8 | 8 | 0 |
| Conducting Cords, extra sets . . . | per set | 0 | 5 | 6 |
| Bichromate Solution . . . . . | per gal. | 0 | 4 | 6 |

*The remarks appended to the previous apparatus apply equally to this, excepting that it will require more frequent re-charging—in daily use, about every 3 weeks, but in more occasional use probably from 2 to 3 months. Four-cell batteries*

## Electric Light Apparatus, *continued.*

*are also made in this form, but are not recommended for general use, as not having sufficient reserve power, and consequently requiring more frequent re-charging. This battery may be carried with the solution in it, but it is recommended to have a separate case for the cells, which is rendered water-tight by a lid lined with a sheet of thick rubber: the extra cost of such a case is £1 12s. This battery is fitted with a Rheostat, as described with the preceding one.*

## Electric Light Appliances,—

*The appliances described as Leiter's have been invented by Mr. J. Leiter, of Vienna, and are patented in this country; the illustrations are taken from his catalogue.*

Fig. 1354.

| | £ | s. | d. |
|---|---|---|---|
| **Cystoscope, Leiter's** (as *Fig.* 1354, I.), complete . | 4 | 10 | 0 |
| Spare Tube, for posterior wall (*Fig.* 1354, II.) . . | 2 | 2 | 0 |
| Spare Lamps . . . . . each | 0 | 3 | 0 |
| Dummy Bladder, for practising with cystoscope . . | 1 | 0 | 0 |

*The tube usually supplied with this apparatus* (Fig. 1354, I) *allows of the examination of the greater part of the surface of the bladder, but a smaller portion of the posterior wall (which it is not so frequently necessary to view) cannot be seen without the use of the specially designed tube II. The tube should be introduced as an ordinary sound. The switch G C serves to make contact after the instrument has been introduced into the bladder. The knob M indicates the position of the end in the bladder.*

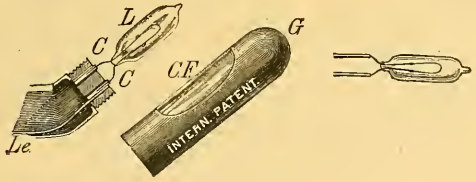



Fig. 1355.

*Fig.* 1355 *illustrates the method of applying a fresh lamp, when one has become spoilt by long use or accidentally destroyed.*

| | | | |
|---|---|---|---|
| **Forehead Lamp, Leiter's** . . . . each | 2 | 4 | 0 |
| Concave Reflector, for use with same . . . „ | 0 | 4 | 6 |
| Handle, for using same as a hand-lamp . . „ | 0 | 3 | 6 |

## Electric Light Apparatus, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Forehead Lamp, Leiter's,** *continued*,— | | | |
| Condensing Lens (a useful addition to the hand-lamp), each | 0 | 8 | 0 |
| Stand, for using as a fixed light . . . . . „ | 1 | 0 | 0 |

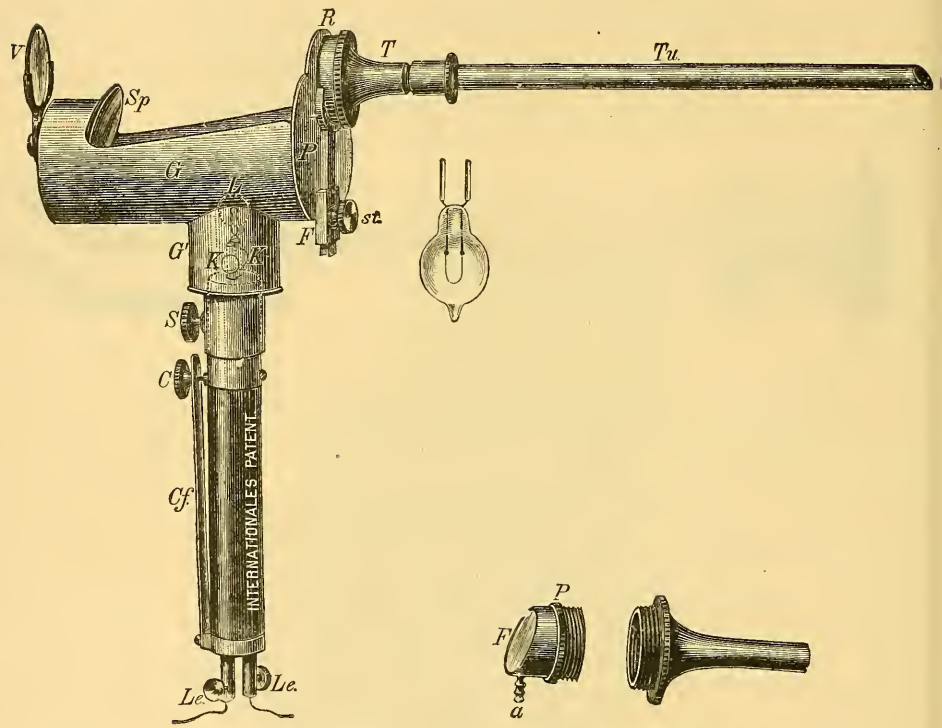



FIG. 1356.




FIG. 1357.

**Panelectroscope, Leiter's** (*Fig*, 1356), without tubes, each 2 15 0

Spare lamps . . . . . „ 0 3 6

*This instrument possesses the great advantage of being so arranged that the operator can, at the same time, both observe and operate. It is particularly useful for the male and female urethras, the ear, nose, rectum, and vagina.*

**Appliances for Leiter's Panelectroscope,—**

Ear Specula (*Fig.* 1357), 3 sizes . . . . each 0 2 6

Siegle's Pneumatic Attachment for same, as shown at F each 0 3 6

## Electric Light Apparatus, *continued.*

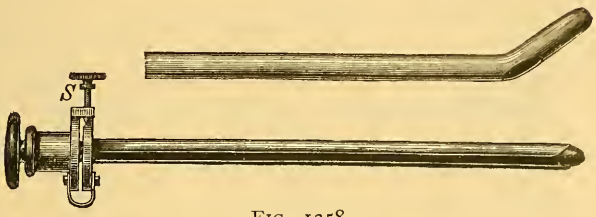


Fig. 1358.

### Appliances for Leiter's Panelectroscope, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Rectum Specula, 2 sizes . . . . . each | 0 | 7 | 6 |
| Rhinoscopic Mirror . . . . . „ | 0 | 7 | 6 |
| Urethra Specula (*Fig.* 1358), straight or curved, 3 sizes each | 0 | 4 | 6 |
| Cotton Wool Forceps for using with same . . „ | 0 | 2 | 3 |
| Vagina Specula . . . . . „ | 0 | 8 | 6 |
| **Laryngeal Mirror,** with lamp attached, Semon's . „ | 1 | 15 | 0 |
| **Vaginal Speculum,** with lamp attached . . „ | 1 | 5 | 0 |

---

## ANÆSTHETIC INHALERS, SPRAYS, Etc.

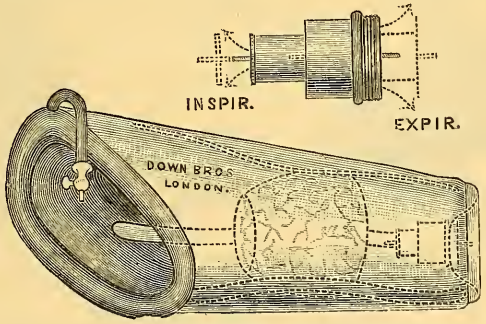



Fig. 1359.

### Anæsthetic Inhalers,—

T. Bird's, for Ether, etc. (*Fig.* 1359) . . . each 1 5 0

*"I am guilty of adding one more inhaler to those in use for the administration of ether and its* confrères *in our list of narcosis producers. It is simple and clean both to the administrator and patient. On removal of the coarse sponge, which is saturated with the compound when in use, there is no part of*

## Anæsthetic Inhalers, Sprays, etc., *continued.*

### Anæsthetic Inhalers, *continued*,—

*the inhaler which is liable to retain the odour of the ether. The only novelty is the double-acting valve, which the instrument makers (Messrs. Down Bros.) have registered—on my making them a present of it—and the position thereof, to be out of harm's way, under the observation of the administrator, and constructed to carry the air admitted through the ether. I think practitioners who do not administer often, want to save their pockets, not savour of ether, and keep their patients unfrightened with display of apparatus, will like it.*—TOM BIRD, Instructor in the Use of Anæsthetics, Guy's Hospital.—Brook Street, W., February 8th, 1888."—Extract from the *Lancet*, April 14th, 1888.

FIG. 1361.

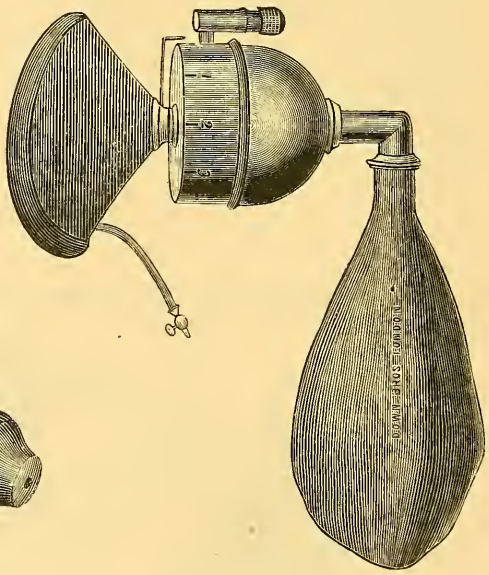


FIG. 1360.

| | £ | s. | d. |
|---|---|---|---|
| Clover's Regulating Ether Inhaler (*Fig.* 1360), each, £2 2*s.*; with measure and bottle for Ether, in case | 2 | 16 | 0 |
| Ditto, with 2 face-pieces . . . . . each | 3 | 6 | 6 |
| Golding-Bird's, for Ether or the A C E mixture (*Fig.* 1361) . . . . . each | 0 | 12 | 0 |
| Junker's (*Fig.* 1362) . . . . . in case | 1 | 17 | 0 |

## Anæsthetic Inhalers, Sprays, etc., *continued.*

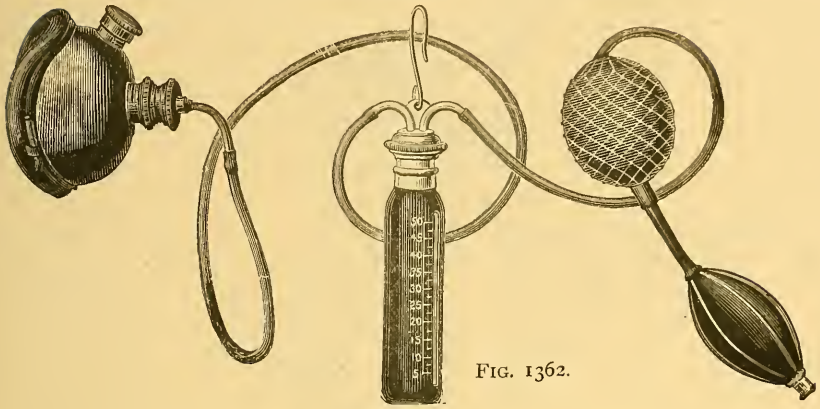


FIG. 1362.

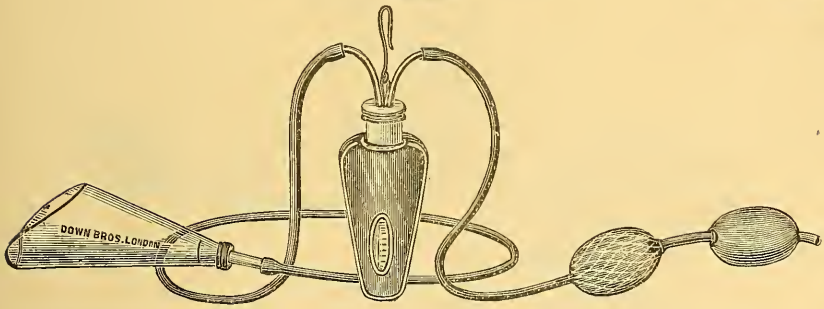



FIG. 1363.

**Anæsthetic Inhalers**, *continued*,— £ s. d.

Junker's, modified by Mr. Tom Bird, with transparent Celluloid Face-piece (*Fig.* 1363), each, £1 17*s.* 6*d.*, in case 2 10 6

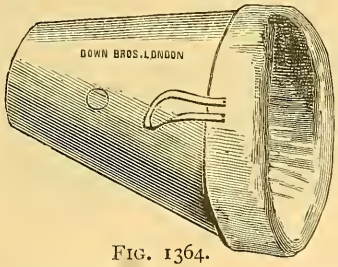



FIG. 1364.

Leather Cones, for Ether (as used in the Ophthalmic Ward at Guy's), 3 sizes (*Fig.* 1364) . . each 0 6 6

## Anæsthetic Inhalers, Sprays, etc., *continued.*

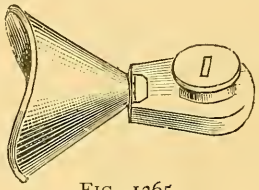


Fig. 1365.

| Anæsthetic Inhalers, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Murphy's, for chloroform (*Fig.* 1365) . . . | each | 0 | 13 | 6 |
| Murray's, ditto . . . . . | „ | 0 | 6 | 6 |

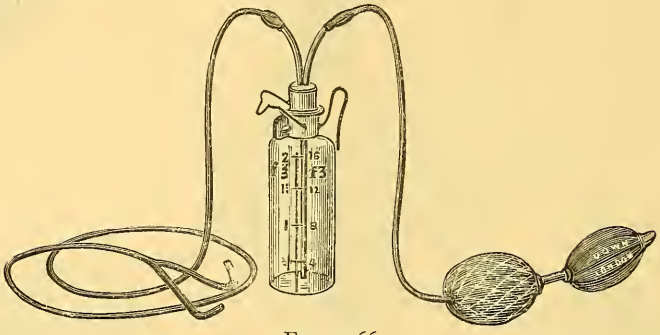


Fig. 1366.

| | | | | |
|---|---|---|---|---|
| Nose Apparatus, for administration through Nose (*Fig.* 1366), complete in box . . . . . | | 0 | 12 | 6 |
| The india-rubber Double Nose-piece only . . | each | 0 | 3 | 0 |

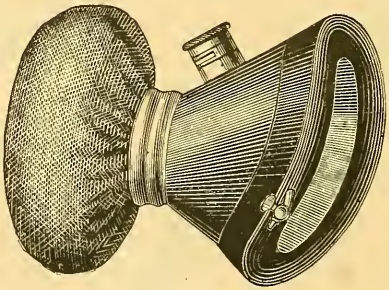


Fig. 1367.

| | | | | |
|---|---|---|---|---|
| Ormsby's, for Ether (*Fig.* 1367) . . . . | each | 1 | 3 | 0 |
| Ditto, modification of . . . . . | „ | 0 | 15 | 0 |

## Anæsthetic Inhalers, Sprays, etc., *continued.*

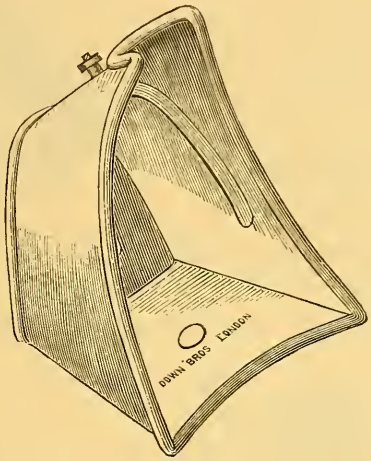



Fig. 1368.

| Anæsthetic Inhalers, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Parker's, for chloroform, also known as the "Guy's Inhaler" (*Fig.* 1368), in 2 sizes, each, 11*s.* 6*d.* and | 0 | 14 | 6 |

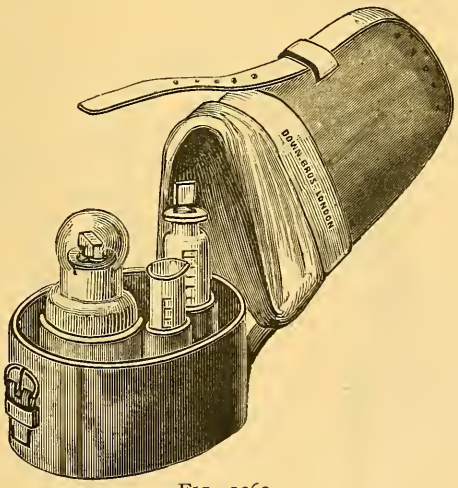



Fig. 1369.

| | | | |
|---|---|---|---|
| Rendle's Compendium, for Ether or the A C E mixture (*Fig.* 1369) . . . . . each | 1 | 1 | 0 |

## Anæsthetic Inhalers, Sprays, etc., *continued.*

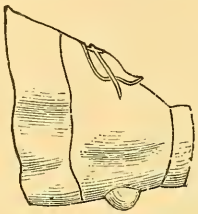


FIG. 1370.

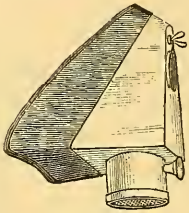


FIG. 1371.

| Anæsthetic Inhalers, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Sibson's, for chloroform (*Fig.* 1370), plated . . each | 0 | 13 | 6 |
| Snow's, for chloroform . . . . . in case | 2 | 10 | 0 |
| Ditto, modified (*Fig.* 1371) . each, 13*s.* 6*d.*; „ | 0 | 17 | 6 |

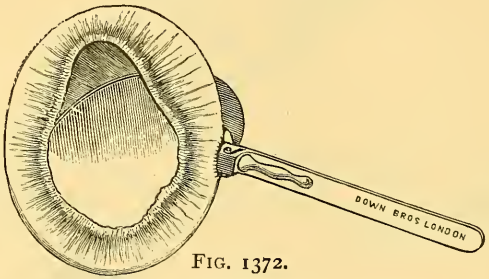



FIG. 1372.

| | | | |
|---|---|---|---|
| Skinner's Frame, for Chloroform (*Fig.* 1372), with flannel covers . . . . . each | 0 | 8 | 6 |
| Ditto, ditto, with drop bottle . . . . . „ | 0 | 13 | 0 |
| Ditto, modified, light pattern, with flannel covers, 2 sizes . . . . each, 4*s.* 6*d.* and | 0 | 6 | 6 |
| Townley's, for chloroform mixture, each, 22*s.*; in case | 1 | 7 | 6 |

FIG. 1373.

FIG. 1374.

## Anæsthetic Inhalers, Sprays, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Drop Bottles,—** | | | |
| Bloxam's (*Fig.* 1373) . . . each, 3*s.* 6*d.*; in case | 0 | 4 | 6 |
| With common metal top . . „ 3*s.* 6*d.*; „ | 0 | 4 | 6 |
| Skinner's (for Chlorof. app.), ground glass cap and case . . . . . each | 0 | 4 | 6 |
| Spring Top (*Fig.* 1374), 2-oz. . each, 6*s.* 6*d.*; in case | 0 | 7 | 6 |
| Ditto ( „ ), 4-oz. and 6-oz., each, 7*s.* 6*d.*; in case | 0 | 8 | 6 |

Fig. 1375.

**Spray Producers,—**

| | | | |
|---|---|---|---|
| Cocaine (*Fig.* 1375) . each, plated, 11*s.* 6*d.*; silver | 0 | 13 | 6 |

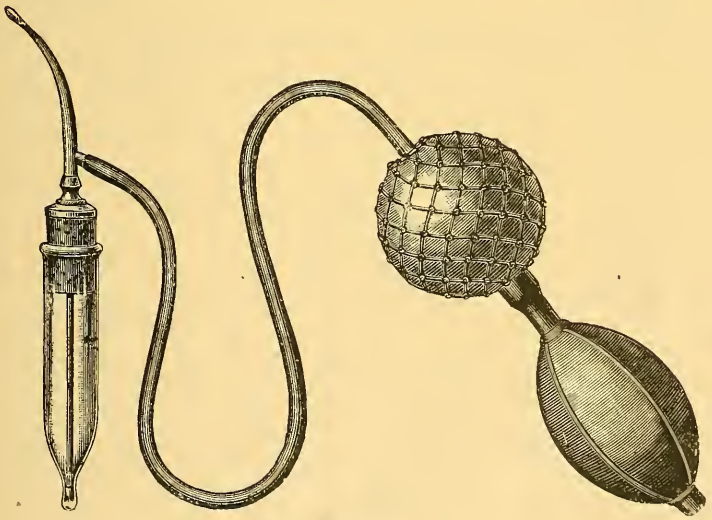


Fig. 1376.

| | | | |
|---|---|---|---|
| Cocaine, Miller's (*Fig.* 1376) . . . . each | 0 | 8 | 6 |

## Anæsthetic Inhalers, Sprays, etc., *continued.*

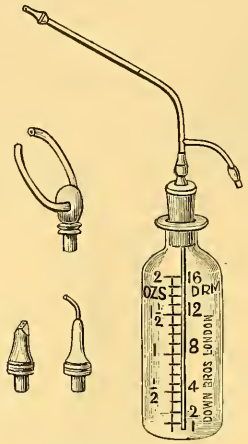



Fig. 1377.

| Spray Producers, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Ether, Richardson's (*Fig.* 1377),— | | | |
| 1-Jet . . . . . each | 0 | 13 | 0 |
| 2-Jet . . . . . „ | 0 | 15 | 0 |
| 3-Jet . . . . . „ | 0 | 17 | 0 |
| 4-Jet . . . . . „ | 0 | 19 | 0 |
| Ether Anæsthetic, Robbins', for use with Spray, per bottle, 4-oz., 2*s.*; 8-oz., 4*s.*; 16-oz. | 0 | 7 | 0 |

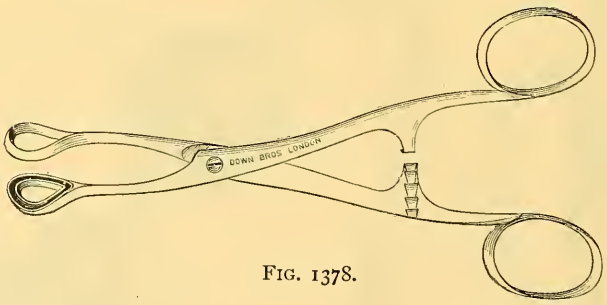



Fig. 1378.

| | | | |
|---|---|---|---|
| Tongue Forceps (*Fig.* 1378) . . . . each | 0 | 8 | 6 |
| Ditto, angular . . . . . „ | 0 | 9 | 6 |

*Nickel plated*, 1*s. extra.*

## INSTRUMENTS FOR GENERAL DIAGNOSIS.

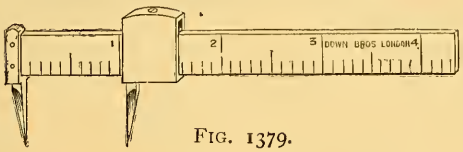



FIG. 1379.

| | £ | s. | d. |
|---|---|---|---|
| **Æsthesiometer**, Sieveking's (*Fig.* 1379), each, 12*s.* 6*d.*; in case | 0 | 17 | 6 |
| **Cardiograph**, Galabin's . . . . . each | 10 | 10 | 0 |

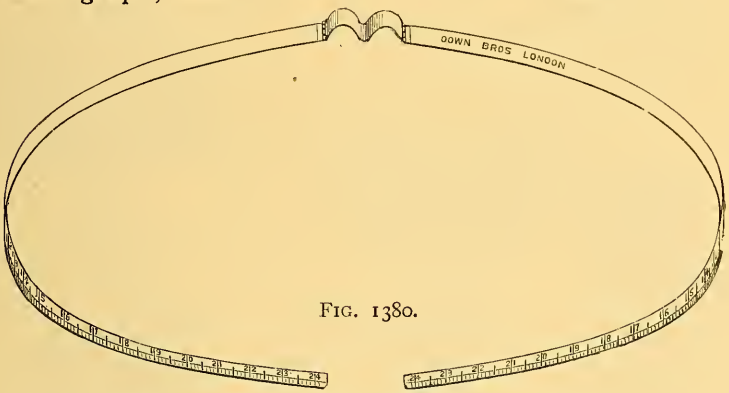



FIG. 1380.

**Cyrtometers**, of soft metal, hinged (*Fig.* 1380), each, 7*s.* 6*d.*; in case 0 10 6

**Diagrams** for recording Diagnoses, Daniellson's,—

| *Per book containing* | 25 | 50 | 100 |
|---|---|---|---|
| Brain (S. I. Ext. Surfaces) 6 diagrams . . | 2/3 | 4/– | 7/6 |
| Ditto (S. II. Vert. Sections) 12 diagrams . | 2/3 | 4/– | 7/6 |
| Ditto (S. III. Sp. Cord and Med. Obl.), 6 diagrams . . . . . | 2/3 | 4/– | 7/6 |
| Thorax and Abdomen (showing visc.) front and back . . . . . | 1/– | 1/6 | 2/6 |
| Ditto (without visc.) ditto . . . | — | 1/– | 2/– |
| Body (with nerve regions), front and back . | 2/– | 3/6 | 6/– |
| Ditto (plain outlines), ditto . . . | 1/6 | 2/9 | 5/– |
| Head (with nerve regions, 2 side-views) . | 1/– | 1/9 | 3/– |
| Ditto (plain outlines), 4 diagrams . . | 1/6 | 2/9 | 5/– |
| Obstetr. and Gynæcol, 4 diagrams . . | 2/– | 3/6 | 6/– |
| Deformities, 16 diagrams . . . . | 1/6 | 2/9 | 5/– |
| Eye, 6 diagrams . . . . . | 1/6 | 2/6 | 4/6 |
| Diagrams, for recording Ophthalmoscopic Observations, 2 diagrams . . . | 1/– | 1/9 | 3/– |

## Instruments for General Diagnosis, *continued.*

**Diagrams,** *continued,*—

| | *Per book containing* | 25 | 50 | 100 |
|---|---|---|---|---|
| Larynx, 4 diagrams | | 1/– | 1/9 | 3/– |
| Nose, 8 diagrams | | 2/– | 3/6 | 6/– |
| Ear, 8 diagrams | | 2/– | 3/6 | 6/– |
| Bones and Joints (33 different aspects) | | — | 2/– | — |
| Forms of Instruction to Patient and Nurse | | — | — | 1/– |
| Case Sheets, suggested by Dr. Cosgrave | | 1/– | 1/6 | 2/6 |
| Portfolios, to hold case-sheets, with alphabetical compartments, fitted with blotting pad and compartments to hold diagrams | | | *each* 3/– | |
| Fine Leather Case, with catch, to hold case-sheets | | | 7/6 | |
| Pocket Case Books, bound in strong cover, with indexes for names and diseases, fitted with a pocket to hold diagrams, and an indelible blue pencil to mark them, arranged to take 50 cases, pages numbered | | | 2/– | |

*India-rubber Stamps for producing Diagrams made to order.*

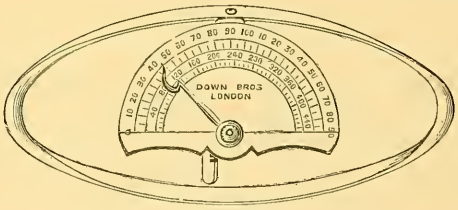



Fig. 1381.

| | £ | s. | d. |
|---|---|---|---|
| **Dynamometer** (*Fig.* 1381), each, £1 17*s.* 6*d.*; in case | 2 | 2 | 0 |

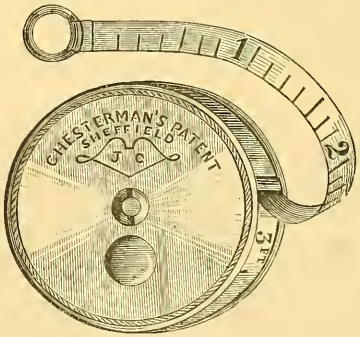



Fig. 1382.

## Instruments for General Diagnosis, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Measures, Pocket** (*Fig.* 1382),— | | | |
| 3-feet Tapes, brass cases, English and French scales, each | 0 | 2 | 0 |
| 5-feet ditto, ditto, ditto . . . . . „ | 0 | 3 | 0 |
| 3-feet Steel Tapes, German silver cases, ditto . „ | 0 | 3 | 6 |
| 5-feet ditto, ditto, ditto . . . . . „ | 0 | 4 | 6 |

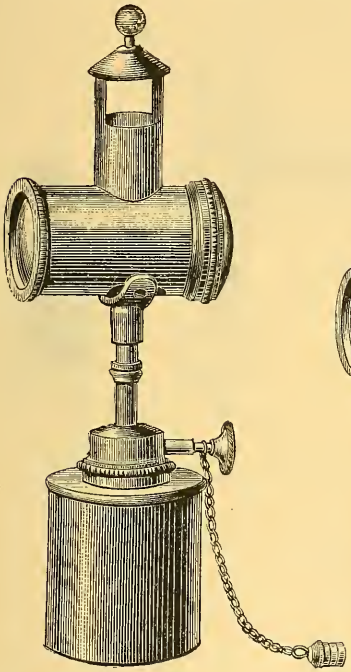


Fig. 1383.

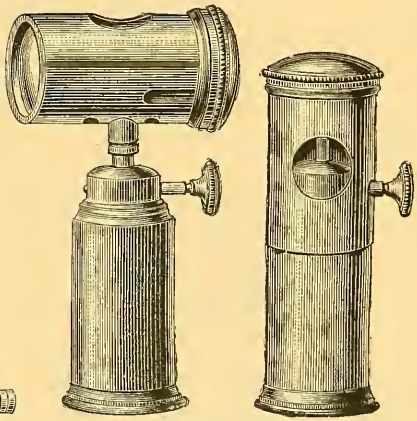


Fig. 1384.

| | | | |
|---|---|---|---|
| **Portable Lamp** (*Fig.* 1383) . . . . each | 0 | 13 | 6 |
| Ditto, to take apart and close up (*Fig.* 1384) . „ | 0 | 15 | 6 |
| Ditto, Bailey's, to use with candle . . . „ | 0 | 12 | 6 |

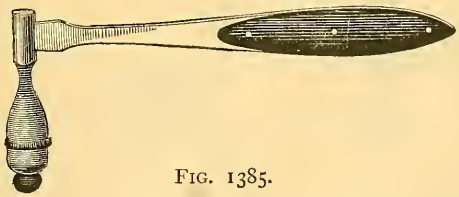


Fig. 1385.

| | | | |
|---|---|---|---|
| **Percussors,**— | | | |
| Bennett's (*Fig.* 1385), with Pleximeter, in case . each | 0 | 9 | 6 |
| Ivory Thimbles . . . . . „ | 0 | 1 | 3 |

## Instruments for General Diagnosis, *continued.*

Fig. 1386.

| Percussors, *continued*,— | £ | s. | d. |
|---|---|---|---|
| On whalebone stem (*Fig.* 1386) . . . . each | 0 | 3 | 0 |

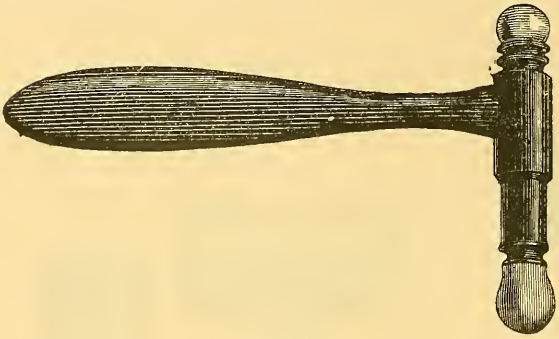


Fig. 1387.

Fig. 1388.

| | | | |
|---|---|---|---|
| Traube's, with vulcanite handles (*Fig.* 1387) . each | 0 | 3 | 0 |
| Vulcanite Thimbles, with rubber tips (*Fig.* 1388) . „ | 0 | 1 | 6 |

Fig. 1389.

Fig. 1390.

| Plessers and Pleximeters,— | | | |
|---|---|---|---|
| Circular, boxwood (*Fig.* 1389) . . . . each | 0 | 1 | 0 |
| Ivory Oval (*Fig.* 1390) . . . . . „ | 0 | 1 | 9 |
| Ditto, graduated . . . . . „ | 0 | 2 | 0 |

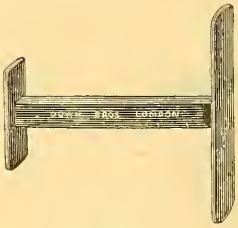


Fig. 1391.

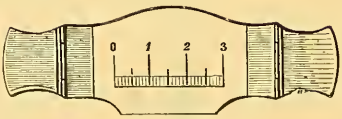



Fig. 1392.

| | | | |
|---|---|---|---|
| Sansom's, vulcanite (*Fig.* 1391) . . . . each | 0 | 2 | 0 |
| Traube's, ivory, with metal hinges (*Fig.* 1392) . „ | 0 | 4 | 0 |

## Instruments for General Diagnosis, *continued.*

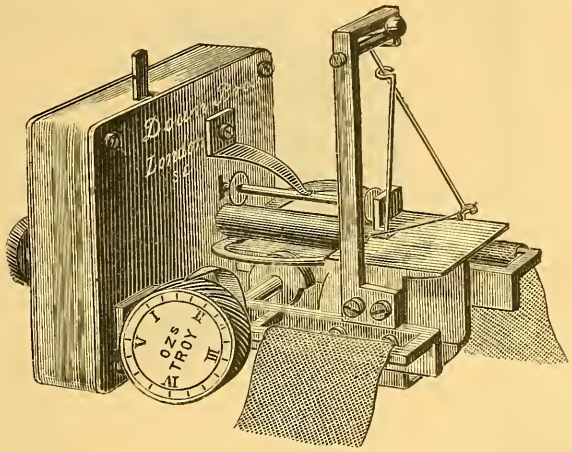



Fig. 1393.

| Sphygmographs,— | £ | s. | d. |
|---|---|---|---|
| Dudgeon's (*Fig.* 1393) . . . . . each | 2 | 5 | 0 |
| Mahomed's. . . . . ,, | 6 | 6 | 0 |
| Mortimer Granville's . . . . . ,, | 3 | 13 | 0 |

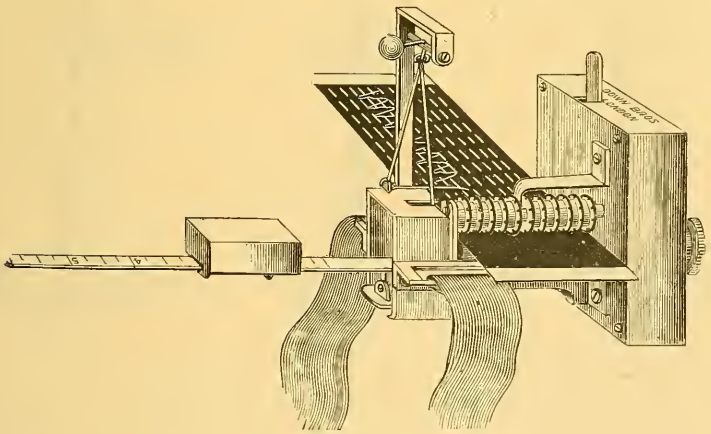


Fig. 1394.

| | £ | s. | d. |
|---|---|---|---|
| Richardson's (*Fig.* 1394) . . . . . each | 2 | 15 | 0 |
| Papers for use with same . . . per box of 200 | 0 | 1 | 6 |
| Rests, steel, for use with same . . . . each | 0 | 17 | 6 |

## Instruments for General Diagnosis, *continued.*

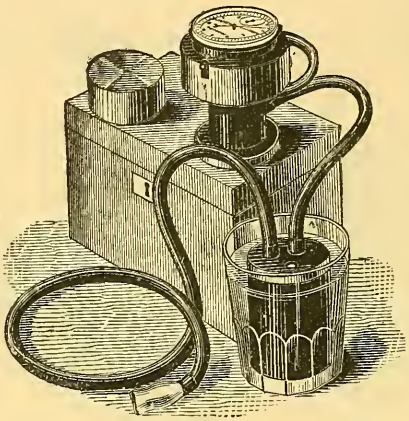


FIG. 1395.

| Spirometers,— | £ | s. | d. |
|---|---|---|---|
| Hutchinson's . . . . . each | 4 | 4 | 0 |
| Lowne's (*Fig.* 1395) . . . . . „ | 4 | 16 | 0 |

FIG. 1396.

FIG. 1397.

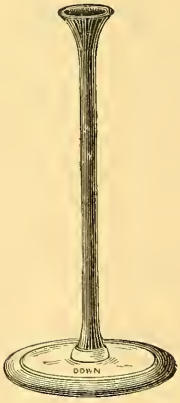



FIG. 1398.

| Stethoscopes,— | | | |
|---|---|---|---|
| Andrews' (*Fig.* 1396) . . . . . each | 0 | 3 | 6 |
| Barron's . . . . . „ | 0 | 3 | 3 |
| Billing's . . . . . „ | 0 | 2 | 0 |
| Burrows' . . . . . „ | 0 | 2 | 6 |
| Ditto, with india-rubber Ring for Percussion . „ | 0 | 3 | 6 |
| Ditto, with ivory Ear-plate (*Fig.* 1397) . . „ | 0 | 3 | 6 |

## Instruments for General Diagnosis, *continued.*

| Stethoscopes, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Burrows', with ivory Ear-plate and india-rubber Ring for Percussion (*Fig.* 1398) . . . . each | o | 5 | 6 |

Fig. 1399.

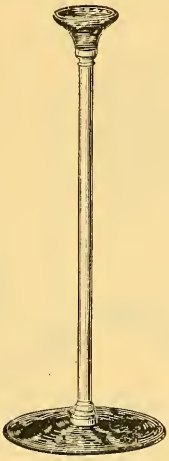


Fig. 1400.

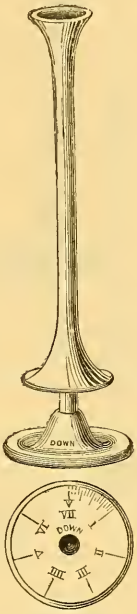



Fig. 1401.

| | | | |
|---|---|---|---|
| Celluloid (*Fig.* 1399) . . . . . each | o | 2 | 6 |
| Ditto, with metal stems (*Fig.* 1400), coraline mountings . . . . . each | o | 3 | 6 |
| Ditto, ditto, imitation amber, ivory or tortoiseshell mountings . . . . . each | o | 5 | o |
| Dobell's (*Fig.* 1401) . . . . . ,, | o | 3 | 6 |

Fig. 1402.

| | | | |
|---|---|---|---|
| Fergusson's (*Fig.* 1402), birch, cedar, or pine . each | o | 2 | 6 |

## Instruments for General Diagnosis, *continued.*

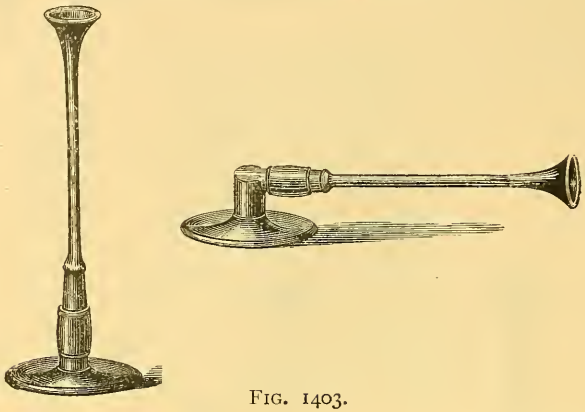


FIG. 1403.

| Stethoscopes, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Folding (*Fig.* 1403) . . . . . each | 0 | 5 | 6 |
| Ditto, with celluloid Ear-plate . . . . „ | 0 | 6 | 6 |

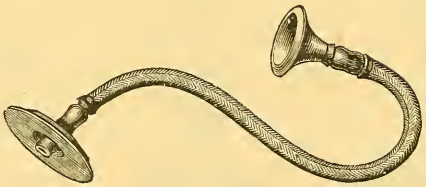


FIG. 1404.

Golding-Bird's Flexible (*Fig.* 1404) . . . each 0 5 6

FIG. 1405.

FIG 1406.

FIG. 1407.

## Instruments for General Diagnosis, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Stethoscopes**, *continued*,— | | | |
| Guy's, in walnut wood, as *Fig.* 1402, but extra light, each | 0 | 2 | 6 |
| Hare's (*Fig.* 1405) . . . . . „ | 0 | 2 | 6 |
| Hughes' (*Fig.* 1406) . . . . . „ | 0 | 2 | 6 |
| Metal, with vulcanite Ear-plate (*Fig.* 1407) . . „ | 0 | 3 | 6 |

Fig. 1408.

Fig. 1409.

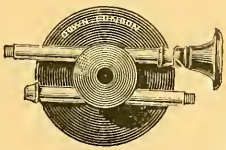


Fig. 1410.

| | | | |
|---|---|---|---|
| Metal, plated, combined with Ear Speculum and Reflector (*Fig.* 1408) . . . . . each | 0 | 9 | 6 |
| Portable (*Fig.* 1409) . . . . . „ | 0 | 6 | 6 |
| Reversible (*Fig.* 1410). . . . . „ | 0 | 2 | 9 |
| Stokes' . . . . . „ | 0 | 2 | 6 |
| Ditto, with india-rubber Ring for Percussion . „ | 0 | 3 | 6 |

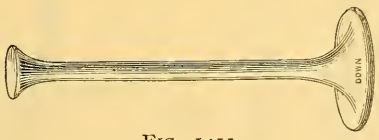
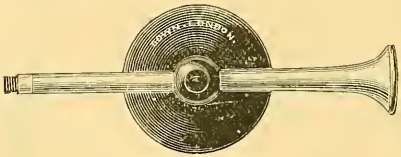



Fig. 1411.

| | | | |
|---|---|---|---|
| Walsh's, hollow . . . . . each | 0 | 2 | 6 |
| Ditto, solid (*Fig.* 1411) . . . . . „ | 0 | 2 | 6 |
| With Stems plugging through the Ear-plates, for pocket (*Fig.* 1412) . . . . . each | 0 | 2 | 6 |
| Ditto, with celluloid Ear-plate . . . . „ | 0 | 3 | 6 |
| **Stethoscope Clips**, for holding Stethoscope in hat, each | 0 | 1 | 0 |

## Instruments for General Diagnosis, *continued.*



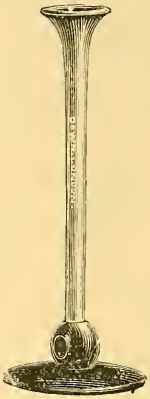


Fig. 1412.

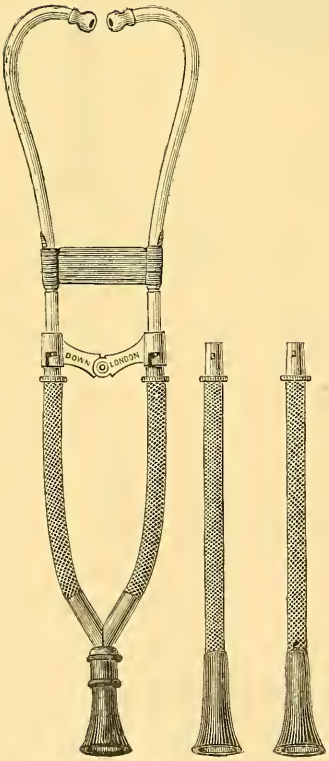



Fig. 1413.



Fig. 1414.

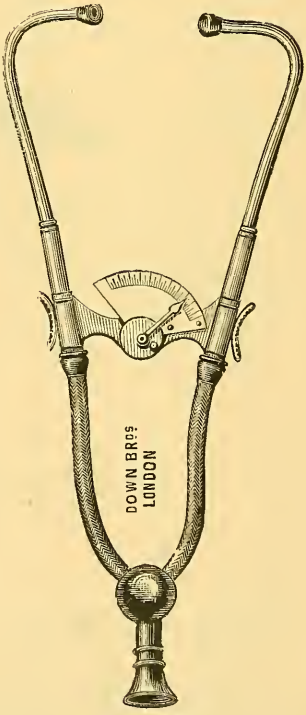



Fig. 1415.

## Instruments for General Diagnosis, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Binaural Stethoscopes** (*Fig.* 1413) . . . each | 0 | 16 | 0 |
| Differential ends in addition (*Figs.* 1413 and 1414) ,, | 1 | 1 | 0 |
| Palmer's Dial (*Fig.* 1415) . . . . . ,, | 1 | 5 | 0 |

*Fig.* 1415 *consists of the ordinary Binaural Stethoscope with the addition of a graduated dial-plate, thus adapting it for use as calipers for taking accurate diametric measurements of the chest, head, etc.*

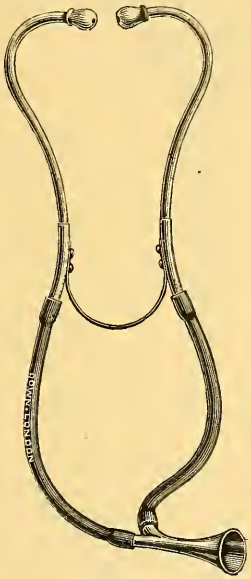



Fig. 1416.

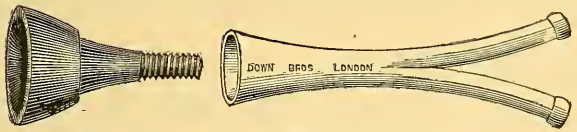



Fig. 1417.

Portable Binaural Stethoscopes (*Fig.* 1416), fitted with improved Chest-piece (*Fig.* 1417), the outer rim of which screws off, leaving a smaller size for children, etc. . . each, ebony, 10*s.* 6*d.*; ivory 0 12 6

## Instruments for General Diagnosis, *continued.*

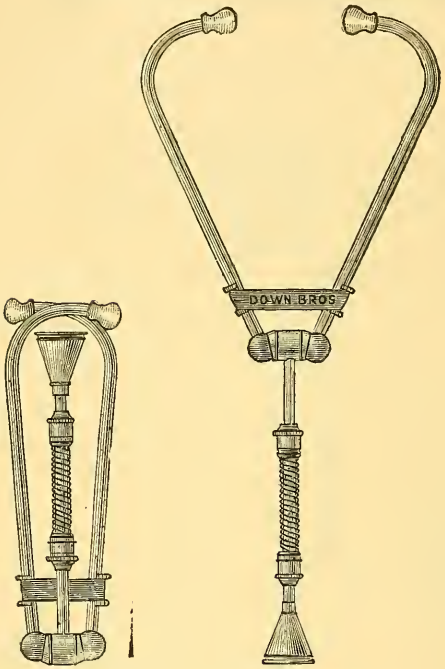



Fig. 1418.

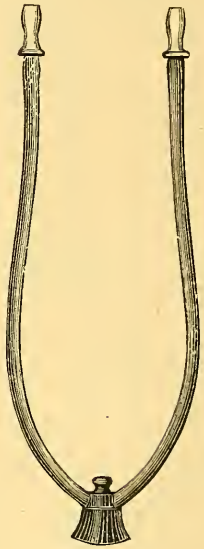


Fig. 1419.

| **Binaural Stethoscopes,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Portable Binaural Stethoscopes, Gowan's (*Fig.* 1418), with continuous metal conduction throughout, each | 1 | 5 | 0 |
| Ditto, Sterne's (*Fig.* 1419), consisting of vulcanite mounts, connected by india-rubber tubes . each | 0 | 4 | 6 |

Fig. 1420.

| **Thermometers, Clinical,**— | | | |
|---|---|---|---|
| "Double Patent," with indestructible and magnifying index (*Fig.* 1420), in boxwood cases, $3\frac{1}{2}$-in., 4-in., and 5-in. . . . . each | 0 | 6 | 6 |
| "One Minute," ditto, ditto . . . . . „ | 0 | 8 | 0 |

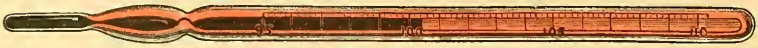


Fig. 1420A.

| "Ruby Back," ditto, ditto (*Fig.* 1420A) . . each | 0 | 8 | 0 |
|---|---|---|---|

# FRAGILE INSTRUMENTS.

**DOWN BROS.** beg respectfully to notify that they do not hold themselves responsible for the breakage of goods in transit. Instruments of a fragile nature receive the utmost care in packing, but are only supplied at the risk of purchasers.

## Instruments for General Diagnosis, *continued.*

FIG. 1421.

| | £ | s. | d. |
|---|---|---|---|
| **Thermometers, Clinical,** *continued*,— | | | |
| "Single Patent," with indestructible index (*Fig.* 1421), in boxwood cases, 3½-in., 4-in., and 5-in. . each | 0 | 3 | 0 |
| "One Minute," each, 5*s.* 6*d.*; "Ruby Back" . „ | 0 | 5 | 6 |
| *Kew certificates*, 1*s.* 6*d. each extra.* | | | |
| CASES FOR THERMOMETERS (3*d.* deducted for boxwood cases if not required), aluminium, each, 1*s.* 3*d.*; nickel, 9*d.*; plated, 1*s.*; ditto, bayonet catch, 1*s.* 6*d.*; silver, stout, hall-marked . . . . | 0 | 4 | 0 |

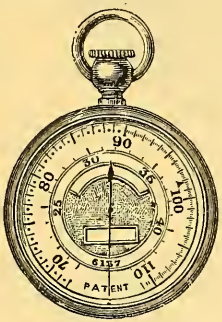



FIG. 1422.

| | | | |
|---|---|---|---|
| Immisch's Patent "Watch" Clinical Thermometers, with latest improvements (*Fig.* 1422), each, 19*s.* 6*d.*; silver, gold | 2 | 5 | 6 |
| *Kew certificates*, 1*s.* 6*d. each extra.* | | | |

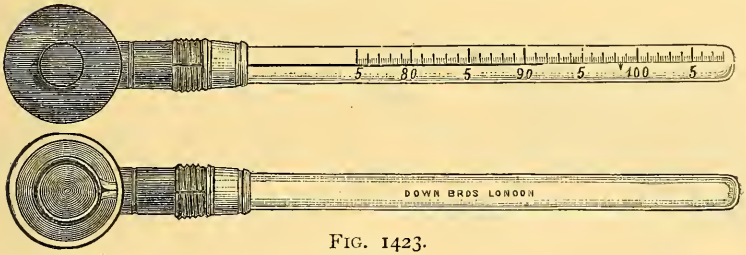



FIG. 1423.

| | | | |
|---|---|---|---|
| **Thermometers, Surface,**— | | | |
| Horizontal Stems (*Fig.* 1423), with ring or coiled bulbs, each, £1; Vertical Stems, ditto . . . each | 1 | 0 | 0 |
| *If with Magnifying Index*, 4*s. each extra.* | | | |
| *Kew certificates*, 1*s.* 6*d. each extra.* | | | |

## Instruments for General Diagnosis, *continued.*

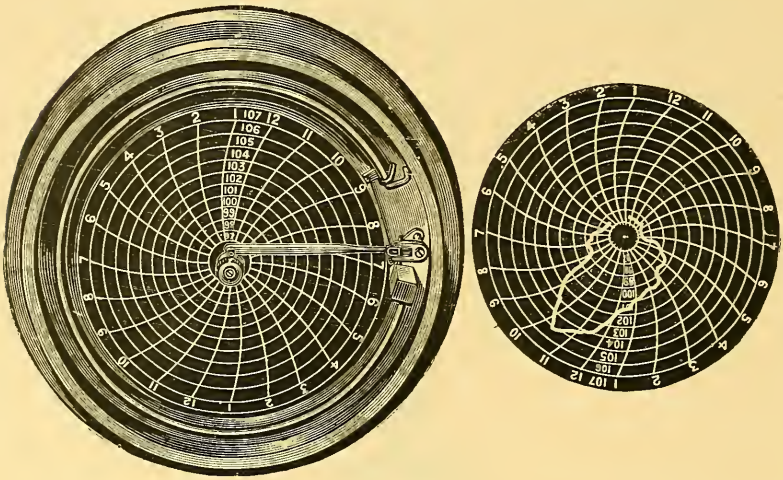


Fig. 1424.

| | £ | s. | d. |
|---|---|---|---|
| **Thermograph**, Bowkett's (*Fig.* 1424) . . . each | 5 | 5 | 0 |
| **Temperature Charts**, Daniellson's, in books of 50 and 100 . . . . . per 100 | 0 | 2 | 6 |
| Down's "Hospital," Registered . . . ,, | 0 | 2 | 3 |
| Ditto, "4-hour," Registered . . . ,, | 0 | 2 | 6 |
| Reynolds & Branson's "Visiting List" . per book | 0 | 1 | 0 |
| **Triple Pocket Lenses**, for examining skin, etc., each | 0 | 2 | 6 |

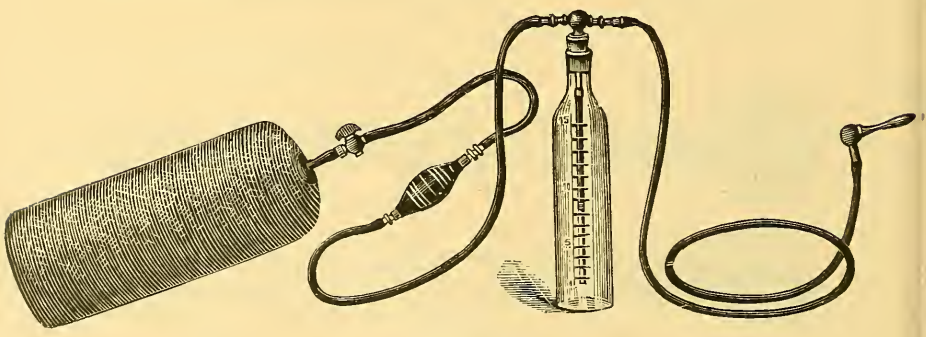


Fig. 1425.

**Morel's Apparatus** (*Fig.* 1425), for administering sulphuretted hydrogen per rectum in phthisical cases . . . . . 2 5 0

## Instruments for General Diagnosis, *continued.*

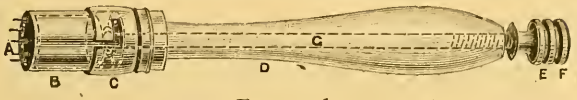



Fig. 1426.

| | £ | s. | d. |
|---|---|---|---|
| **Percusso-Punctator**, Mr. J. Brindley James's (*Fig.* 1426), Registered . . . . . each | 1 | 1 | 0 |

*For the treatment of rheumatism, lumbago, and obstinately persistent neuralgic affections by acupuncture.*

---

## URINE-TESTING APPARATUS.

| | | | |
|---|---|---|---|
| **Alexander's Test Case**, containing 3 Stoppered Bottles in vulcanite cases, Urinometer and Trial Glass, Test Tubes, Pipette, Spirit Lamp, Forceps, and Thermometer . . . . . | 2 | 2 | 0 |
| **Beale's Test Cabinet**, containing 8 Pipette Stoppered Bottles, Spirit Lamp, Urinometer and Trial Glass, Pipette, Test Tubes, Test Tube-holder, Microscopic Slides and Covers, Watch Glasses, Litmus and Turmeric Papers, and Forceps . . . . . | 2 | 2 | 0 |

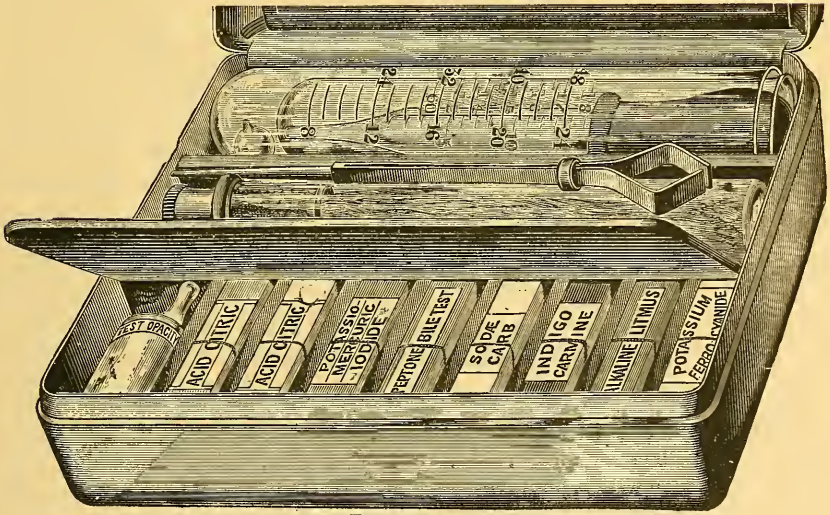



Fig. 1427.

**Oliver's Test Case**, nickel-plated (*Fig.* 1427), containing packet each Mercuric and Ferrocyanic Test

## Urine-Testing Apparatus, *continued.*

**Oliver's Test Case**, *continued*,— £ s. d.

Papers for Albumen (for qualitative or quantitative use), Packet Indigo Carmine Test Papers for Sugar (qualitative or quantitative), Peptone Bile Test Papers (qualitative), Acidity Test Papers (quantitative); also Standard Opacity, Specific Gravity Bulb, 2 Graduated Tubes, Pipette and Forceps . 0 12 6

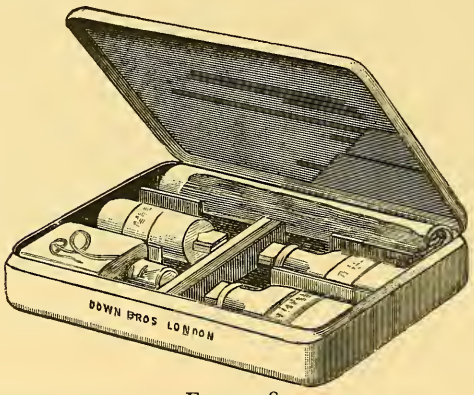



Fig. 1428.

**Pavy's Test Case**, nickel-plated (*Fig.* 1428), containing 3 Stoppered Bottles for Pellets, Ferrocyanic (for albumen), Citric (for acidulating the urine), and Cupric (for sugar), Litmus and Turmeric Papers, Spirit Lamp, Urinometer, and Trial Glass each, 10*s.* 6*d.*; complete with pellets 0 12 0

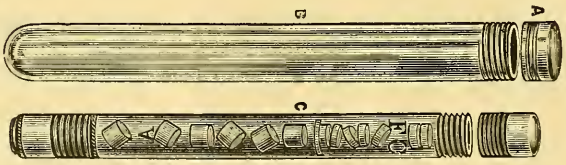


Fig. 1429.

**Pavy's Test Case**, for Albumen (*Fig.* 1429), with pellets . . . . . 0 3 6

*"These Pellets afford a ready, portable, reliable, and delicate clinical test for albumen. They require no spirit lamp to be employed, and supply information which can be accepted without needing the application of any other test for correction or corroboration. When albumen is present, it does not fail to be indicated by the production of a precipitate; and, on the other*

## Urine-Testing Apparatus, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Pavy's Test Case,** *continued,*— | | | |
| *hand, when a precipitate, is produced, albumen, as far as I yet know, is the only principle that occurs in the urine to occasion it. With these qualities, the ferrocyanic test commends itself as specially adapted for general use in medical practice."—Lancet,* June 13th, 1885. | | | |
| **Prout's Cabinet,** containing 3 Cap Bottles, Spirit Lamp, Urinometer, Trial Glass, Test Tubes, Test Tube-holder, Thermometer, Pipette and Test Papers . . . . . each | 1 | 5 | 6 |
| **Test Cabinet,** for hospital wards, upright, with doors in front, with lock and key, containing 8 Stoppered Bottles, Urinometer and Trial Glass . . each | 1 | 5 | 6 |
| **Test Stand,** hospital pattern (as made for St. Saviour's Infirmary), plain mahogany, containing 6 Stoppered Bottles, Spirit Lamp, and 12 Test Tubes, with broad slab in front to form counter for testing, each | 0 | 12 | 6 |

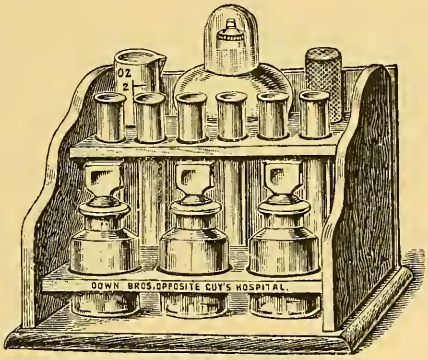



FIG. 1430.

| | | | |
|---|---|---|---|
| **Test Stand,** Mahogany (*Fig.* 1430), containing 3 Stoppered Bottles, Urinometer and Trial Glass Spirit Lamp, and 6 Test Tubes . . . . | 0 | 13 | 6 |
| **Test Stand,** Mahogany (*Fig.* 1431), containing 4 Stoppered Bottles, Urinometer and Trial Glass, Spirit Lamp, 6 Test Tubes, Pipette, Stirring Rod, 6 Books each Litmus and Turmeric . . . | 1 | 0 | 0 |
| **Test Stand,** Mahogany, suggested by Dr. Stoker, of Dublin (*Fig.* 1432), containing 4 Stoppered Bottles, Urinometer and Trial Glass, 4 Conical Test Glasses, with glass covers and ground feet (for | | | |

## Urine-Testing Apparatus, *continued.*

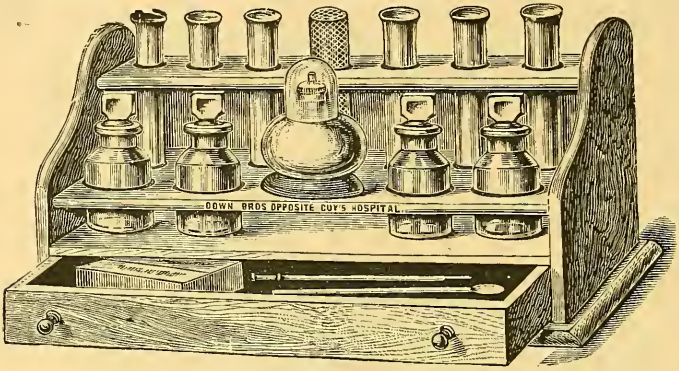



FIG. 1431.

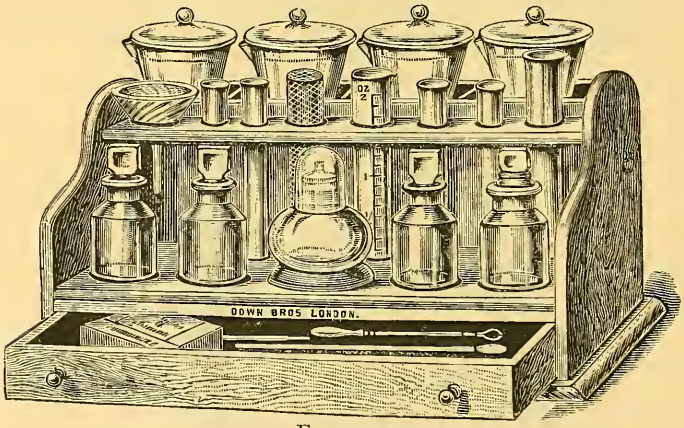



FIG. 1432.

| | £ | s. | d. |
|---|---|---|---|
| **Test Stand,** *continued,*— writing on with lead-pencil), Spirit Lamp, Funnel, 6 Test Tubes, Test Tube-holder, Forceps for holding test paper, Pipette, Stirring Rod, 6 Books each Litmus and Turmeric . . . . . | 1 | 15 | 6 |
| **Test Stand,** mahogany (*Fig.* 1433), containing 6 narrow-mouth Stoppered Bottles, Chalk's Drop Bottle, Spirit Lamp, Urinometer, Trial Glass, 6 Test Tubes, Blowpipe, Platinum Foil and Wire, Test Tube-holder, Stirring Rod, Pipette, Box each Litmus and Turmeric, Forceps for holding Test Papers, Microscopic Glasses and Covers, Watch Glasses, Thermometer, and Stanhope Lens . . | 1 | 16 | 0 |

## Urine-Testing Apparatus, *continued.*

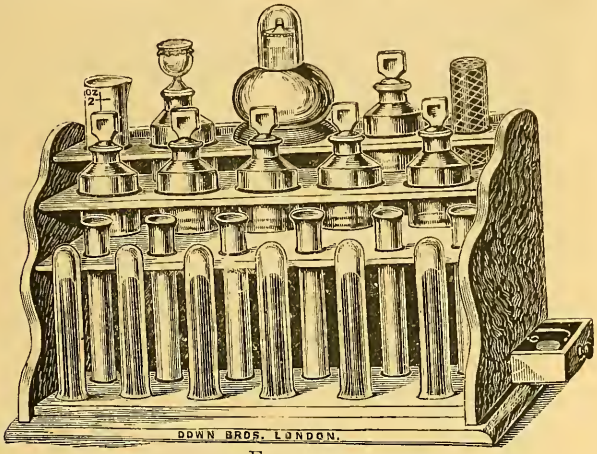



FIG. 1433.

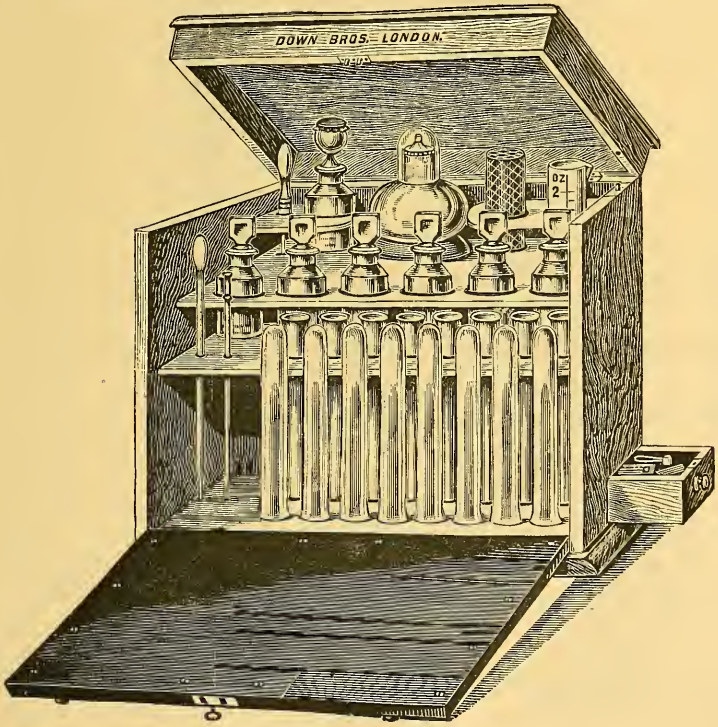



FIG. 1434.

**Urine-Testing Apparatus,** *continued.* £ s. d.

**Test Cabinet,** mahogany, closed, the front falling down to form counter covered with vulcanite to resist action of acids (*Fig.* 1434), containing 6 narrow-mouth Stoppered Bottles, Drop Bottle, Spirit Lamp, Urinometer, Trial Glass, 8 Test Tubes, Blowpipe, Platinum Foil and Wire, Test Tube-holder, Stirring Rod, Pipette, Box each Litmus and Turmeric, Forceps for holding Test Papers, Microscopic Slides and Covers, Watch Glasses, Thermometer, and Stanhope Lens . . . . . 3 3 0

*The Bottles for these Test Stands and Cabinets can be engraved at 6s. per dozen extra.*

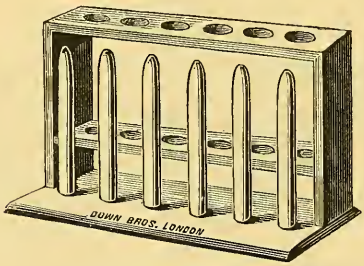



Fig. 1435.

**Test Tube Stands** (*Fig.* 1435), plain mahogany, with pegs for drying, to hold 6, each, 3*s.* 6*d.*; to hold 12 0 4 9

**Johnson's Apparatus** for estimating amount of Sugar in Urine . . . . . 0 17 6

**Pavy's Apparatus** for estimating amount of Sugar in Urine (*Fig.* 1436) . . . . . 0 17 6

Ammoniated Cupric Test . . . . per pint 0 3 6

Deliver Pipette, 10 c.c. . . . . each 0 1 0

Hermetically Sealed Glass Tubes, containing 10 c.c. of Test . . . . . per doz. 0 7 6

Measuring Flask, 100 c.c. . . . . each 0 1 0

Ditto on foot, 10c.c. . . . . „ 0 1 3

Ditto, ditto, 100 c.c. in $\frac{1}{1}$ c.c. . . . . „ 0 2 3

**Russell & West's Apparatus** for estimating amount of Urea . . . . . 0 10 6

## Urine-Testing Apparatus, *continued.*

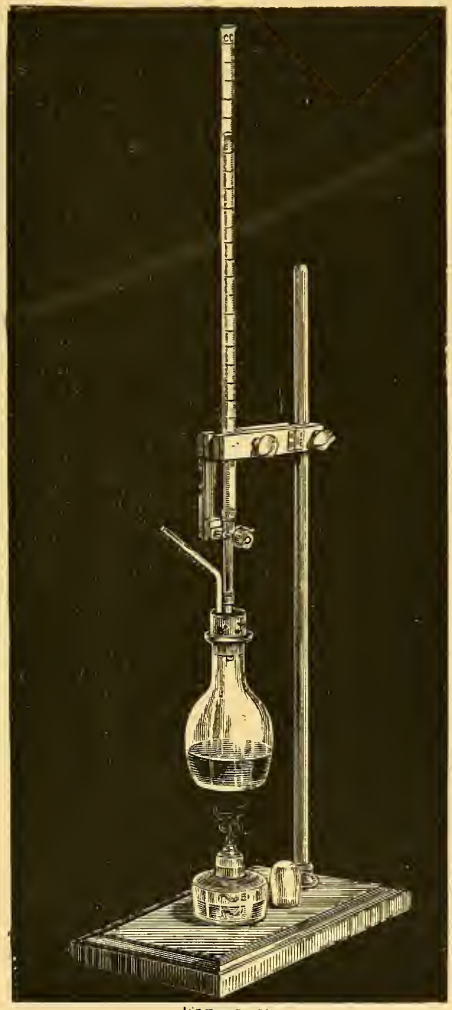


Fig. 1430.

**Squibb's Apparatus,** for estimating amount of Urea (*Fig.* 1437), in card case, 7*s.* 6*d.*; in wood box, with bottle of solution . . . . . £ *s.* *d.* 0 10 0

"*Mr. Martindale (British Medical Journal,* November 29th, 1884, p. 1080) *has introduced to the profession on this side of the Atlantic the exceedingly simple and ingenious method devised by Squibb of New York, for facilitating the*

## Urine-Testing Apparatus, *continued.*

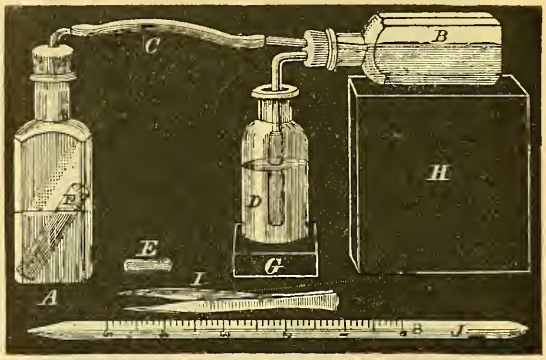



Fig. 1437.

*estimation of urea. A reference to the engraving explains how simple the apparatus is. An ounce and a half of Liquor Sodæ Chloratæ (U.S.) is measured off and placed in Bottle* A, *together with a measure* F, *containing* 4 *c.c. of urine. Bottle* B, *which communicates with* A *by means of india-rubber piping, is filled with water, and the pressure so regulated that, when in position, no water escapes by the overflow pipe into receiver* D. *All being ready, the urine is mixed with the chlorinated solution by gently tilting up* A. *Nitrogen gas is disengaged and passed over to* B, *forcing a portion of the water out into* D. *When all the gas is disengaged and no more bubbles pass over to* B, *a short period, about ten minutes, which may be shotened by plunging* A *into cold water, must be allowed to elapse, in order that the contents may cool. When the pressure between* A *and* B *is restored, which is known by no water being sucked up from* D *into the overflow pipe of* B, *then the contents of* D *can be measured with a specially graduated pipette, and as each measure represents* ·0027 *grm. of urea, the calculations can be easily made. This process is likely to become popular, on account of its simplicity, the cheapness of the apparatus, and, above all, its portability, for it can be carried in the tail pocket of an ordinary coat, so that clinical clerks can carry it with them on their rounds taking notes. If they set the process going when they first begin their visit to their patient, they will find the water in receiver* D *ready for them to measure when they have finished their notes. My experience [Dr. Ralfe's] of the method is that it gives very fair approximate results, and is sufficiently accurate for clinical purposes."* — Extract from "The Year-Book of Treatment" for 1884, p. 63.

See also *Lancet*, October 11th, 1884, p. 653.

---

| Accessories,— | £ | s. | d. |
|---|---|---|---|
| Albumimetre, Esbach's . each, 2*s.* 3*d.*; in case | 0 | 3 | 0 |
| Blowpipes, brass curved . . . . . each | 0 | 0 | 9 |
| Ditto, German silver (*Fig.* 1282, *page* 360) . „ | 0 | 1 | 0 |
| Chalk's Drop Bottles (*Fig.* 1438). . . per doz. | 0 | 12 | 0 |
| Drop Bottles, with grooved stoppers (*Fig.* 1439), ½-oz. and 1-oz. . . . . per doz., 3*s.* and | 0 | 4 | 0 |

## Urine-Testing Apparatus, *continued.*

Fig. 1438.

Fig. 1439.

**Accessories,** *continued,*— £ *s. d.*

Drop Tubes (*see page* 501).
Litmus, Blue or Red . . . . . per box 0 1 0
Nitric Acid Capsules . . . . . per doz. 0 3 0

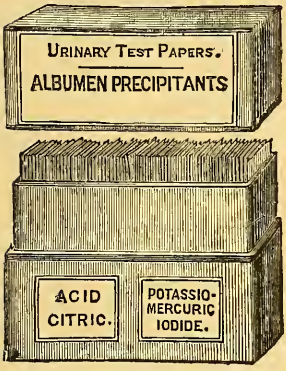



Fig. 1440.

Fig. 1441.

Dr. Oliver's Test Papers and Apparatus,—
Albumen Test Papers (*Fig.* 1440) (available both for qualitative and quantitative estimation),—
I. Potassio-Mercuric Iodide . . . per box 0 1 0
II. Potassium Ferrocyanide . . . „ 0 1 0
Sugar Test Papers (*Fig.* 1441) (available for both qualitative and quantitative estimation),—
Indigo-Carmine . . . . . per box 0 1 6

## Urine-Testing Apparatus, *continued.*

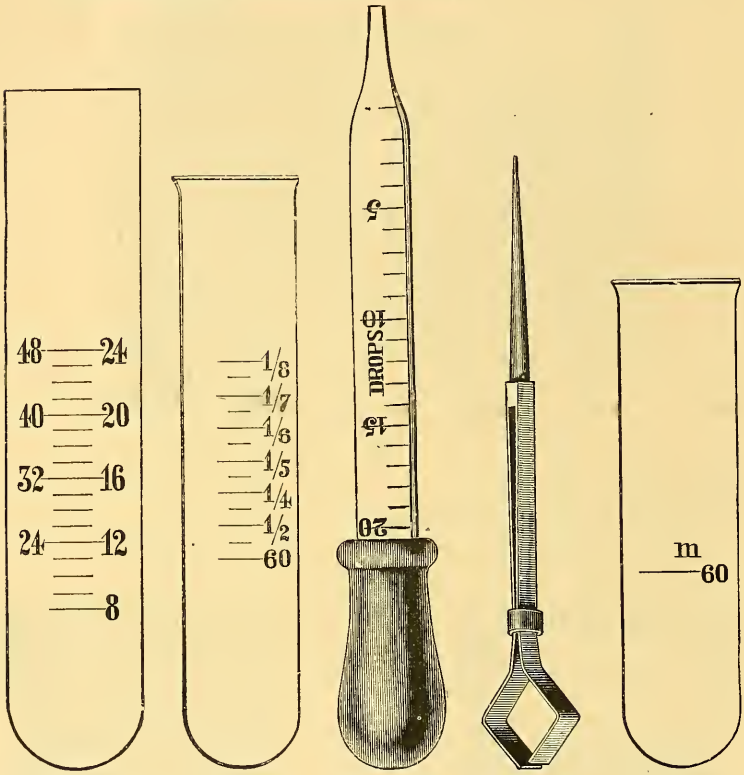



FIG. 1442. FIG. 1443. FIG 1444. FIG. 1445. FIG. 1446.

### Accessories, *continued,*—

| | £ | s. | d. |
|---|---|---|---|
| DR. OLIVER'S TEST PAPERS, ETC., *continued,*— | | | |
| Peptone Bile Test Papers . . . per box | 0 | 1 | 6 |
| Acidity Test Papers . . . . ,, | 0 | 1 | 6 |
| Specific Gravity Tube (*Fig.* 1442) and Bead ,, | 0 | 3 | 6 |
| Graduated Albumen Tube (*Fig.* 1443) . . each | 0 | 1 | 6 |
| Pipette (*Fig.* 1444) . . . . . ,, | 0 | 0 | 8 |
| Clip, for Test Papers (*Fig.* 1445) . . . ,, | 0 | 1 | 0 |
| Test Tube, with 60-m. graduation (*Fig.* 1446) . ,, | 0 | 0 | 6 |
| Oliver's Work on Bedside Urine Testing . . . | 0 | 3 | 6 |
| PAVY'S PELLETS, Cupric, for Sugar Testing . per bottle | 0 | 1 | 6 |
| PAVY'S PELLETS, Ferro-cyanic, for Albumen, the Ferro-cyanide and Citric Acid in separate bottles, per packet | 0 | 1 | 6 |
| PIPETTES . . . . . per doz. | 0 | 6 | 0 |
| SPIRIT LAMPS . . . each, 1*s.*, 1*s.* 9*d.*, and | 0 | 2 | 3 |

## Urine-Testing Apparatus, *continued.*

Fig. 1447.

Fig. 1448.

Fig. 1449.

Fig. 1449A.

| Accessories, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Stirring Rods . . . . . per doz. | 0 | 3 | 0 |
| Test Glasses, graduated each, 1*s.* 3*d.*; enamelled (*Fig.* 1449) . . . . . each | 0 | 2 | 0 |
| Test Tube-holders . . . . each, 1*s.* and | 0 | 1 | 6 |
| Turmeric Books . . . . . per box | 0 | 1 | 0 |
| Urinometer, glass (*Fig.* 1447) . . . . each | 0 | 3 | 0 |
| Ditto, with Test Glass, in case . . . . ,, | 0 | 4 | 6 |
| Ditto, Patent, with Foot (*Fig.* 1448) . . ,, | 0 | 5 | 0 |
| Ditto, ditto, with Enamelled Glass Tubes (as *Fig.* 1449), in case . . . . . each | 0 | 7 | 6 |
| Patent Bead Urinometer (*Fig.* 1449A), in neat case each | 0 | 5 | 6 |

*Fig.* 1449A *represents a new patent form of Urinometer combined with trial glass. It consists of a glass tube in which are placed four small specific gravity bulbs of different colours. The top or green bulb will float in the tube when a specific gravity of* 1017 *is reached in the Urine, the purple bulb floats at* 1019, *the blue at* 1021, *and the red at* 1030. *It is extremely portable and occupies little more room in the pocket than an ordinary clinical Thermometer.*

## Urine-Testing Apparatus, *continued.*

| Accessories, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Test Glasses, on Feet,— | | | |
| Conical, 2-oz., per doz. 7*s.*; 6-oz. . . per doz. | 0 | 10 | 0 |
| Ditto, with ground feet, 6-oz. . . ,, | 0 | 12 | 0 |
| Ditto, ditto, 6-oz., and glass covers . ,, | 1 | 1 | 0 |
| Cylindrical, 2-oz. ($5\frac{1}{2}$-in. × $1\frac{3}{8}$-in.) . . ,, | 0 | 8 | 6 |
| Cylindrical, with Conical bottom (5-in. deep inside, as used at St. Thomas's), 4-oz. per doz. | 0 | 11 | 6 |
| Ditto, ditto, 5-oz. (6-in. deep inside) . ,, | 0 | 12 | 6 |

| Test Tubes, best English make, — | $\frac{3}{8}$-in. | $\frac{1}{2}$-in. | $\frac{5}{8}$-in. | $\frac{3}{4}$-in. diam. |
|---|---|---|---|---|
| 5-in., per doz. | 9*d.* | 1/– | 1/3 | 1/6 |
| 6-in., ,, | 10*d.* | 1/2 | 1/6 | 1/9 |

| | | | | |
|---|---|---|---|---|
| Ditto, ditto, in nests of 6 . . . per nest | 0 | 0 | 9 | |

| Test Tubes, German make,— | $\frac{3}{8}$-in. | $\frac{1}{2}$-in. | $\frac{5}{8}$-in. | $\frac{3}{4}$-in. diam. |
|---|---|---|---|---|
| 5-in., per gross | 6/– | 6/6 | 7/– | 8/– |
| 6-in., ,, | — | 7/– | 8/6 | 10/– |

| | | | | |
|---|---|---|---|---|
| Ditto, ditto, in Nests of 6 . . . per nest | 0 | 0 | 6 | |
| Thermometers, with ivory scales . . . each | 0 | 3 | 9 | |

## DISLOCATION AND FRACTURE APPARATUS.

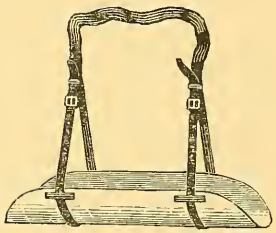


Fig. 1450.

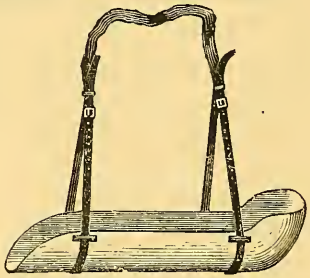


Fig. 1451.

### Dislocation Apparatus, Arm Slings, etc.,—

Arm Slings, Fisher's (*see page* 439).

| Arm Slings, without Elbow, patent leather (*Fig.* 1450) each | 0 | 7 | 6 |
|---|---|---|---|
| Ditto, ditto, plain leather . . . . . ,, | 0 | 5 | 6 |
| Ditto, with Elbow (*Fig.* 1451), patent leather . ,, | 0 | 10 | 6 |
| Ditto, ditto, plain leather . . . . . ,, | 0 | 8 | 6 |
| Ditto, ditto, sliding (*Fig.* 1452), patent leather . ,, | 0 | 14 | 0 |
| Ditto, ditto, ditto, plain leather . . . ,, | 0 | 11 | 9 |

## Dislocation and Fracture Apparatus, *continued.*

### Dislocation Apparatus, Arm Slings, etc., *continued*,—

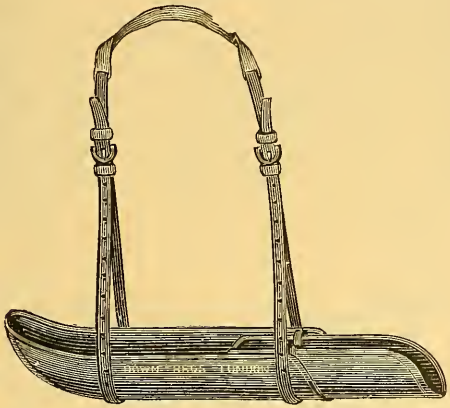


Fig. 1452.

| | £ | s. | d. |
|---|---|---|---|
| Arm Slings, wire frame, with Elbow, alpaca covered, each | 0 | 8 | 6 |
| Ditto, ditto, silk covered . . . . . „ | 0 | 11 | 6 |

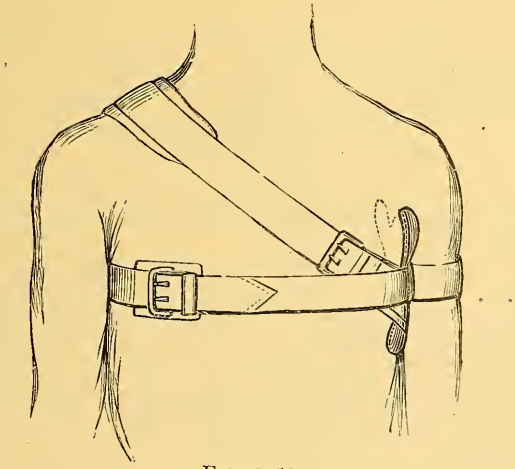


Fig. 1453.

| | | | |
|---|---|---|---|
| Clavicle Bandages, Ellis's, for dislocated or fractured clavicle (*Fig.* 1453) . . . . . each | 0 | 18 | 0 |
| Ditto, Spring Pad, for dislocated clavicle . . „ | 0 | 10 | 6 |

## Dislocation and Fracture Apparatus, *continued.*

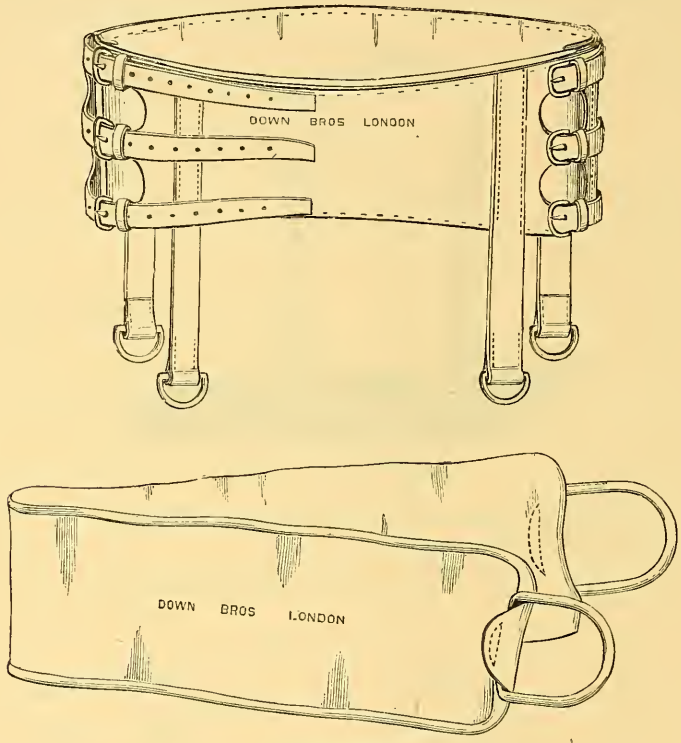



Fig. 1454.

### Dislocation Apparatus, Arm Slings, etc., *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Dislocation Bandages of strong web and leather (*Fig.* 1454) . . . . . per set | 1 | 4 | 0 |
| Ditto Pulleys . . . . . „ | 0 | 16 | 6 |
| Foot Slings, plain leather . . . . . each | 0 | 10 | 6 |
| Knee Caps, etc. (*see page* 452). | | | |
| Shoulder Caps, leather, for dislocated shoulder . „ | 0 | 15 | 0 |

### Fracture Apparatus,—

Bed Cradles and Frames,—

| | | | |
|---|---|---|---|
| Guy's Model, with solid base (*Fig.* 1455), exclusive of the splint . . . . . each | 1 | 7 | 0 |

*The illustration shows the cradle in use with Mr. Howse's splint for excision of knee.*

## Dislocation and Fracture Apparatus, *continued.*

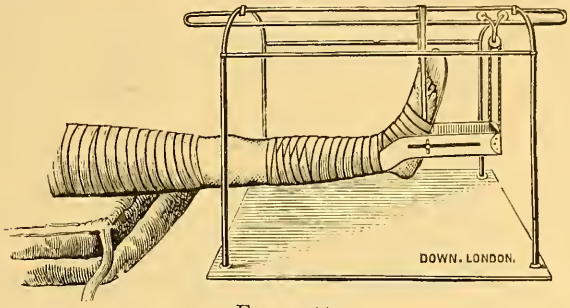



Fig. 1455.

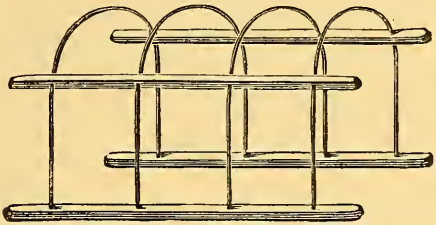


Fig. 1456.

| Fracture Apparatus, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Bed Cradles and Frames, *continued*,— | | | |
| Lawrence's, wire with wood supports (*Fig.* 1456) each | 0 | 12 | 0 |
| Ditto, with iron splint and straps, complete . „ | 1 | 5 | 0 |
| Ditto, improved pattern, entirely of iron . „ | 0 | 17 | 6 |

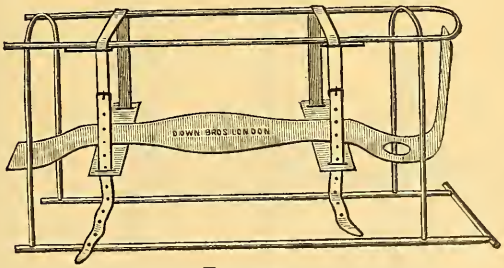



Fig. 1457.

Ditto, ditto, with splint and straps, complete (*Fig.* 1457) . . . . . each 1 10 6

*Plain wood side pieces are occasionally supplied with Lawrence's splints, per pair, 3s., or can be used with ordinary side splints* (Figs. 1493 to 1495).

## Dislocation and Fracture Apparatus, *continued.*

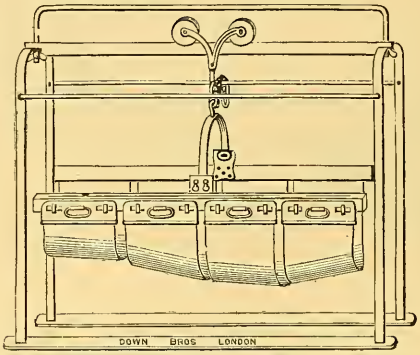



Fig 1458.

| Fracture Apparatus, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Bed Cradles and Frames, *continued*,— | | | |
| Luke's . . . . . each | 0 | 10 | 0 |
| Salter's, with swing (*Fig.* 1458). . . . „ | 1 | 12 | 6 |
| Ditto, ditto, with set of splints, in box complete . | 3 | 9 | 0 |

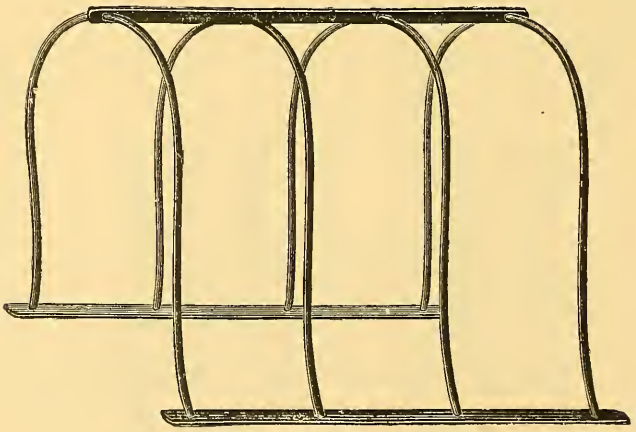


Fig. 1459.

| | | | |
|---|---|---|---|
| Wire (*Fig.* 1459), in three sizes . . . each | 0 | 7 | 6 |
| Wire, extra large, for body . . . . „ | 0 | 8 | 6 |

## Dislocation and Fracture Apparatus, *continued.*

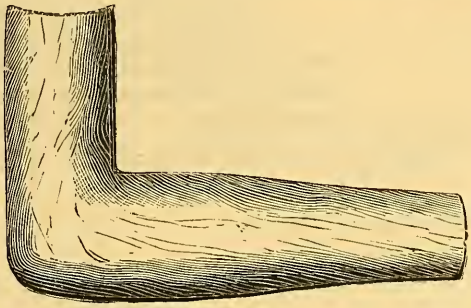


Fig. 1460.

**Fracture Apparatus,** *continued*,— £ s. d.

Arm Splints,—

Angular, hollowed (*Fig.* 1460), in sets of 3 pairs per set 0 13 6

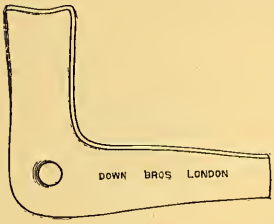



Fig. 1461.

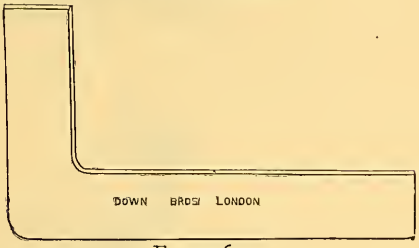



Fig. 1462.

Angular, plain wood (*Fig.* 1461), 3 sizes . per doz. 0 8 6
Ditto, ditto, for arm and hand (*Fig.* 1462) ,, 0 8 6

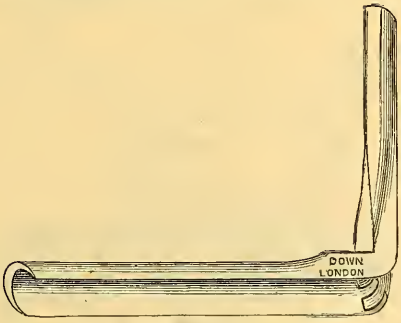



Fig. 1463.

Anterior, hollowed (*Fig.* 1463), in sets of 3 per set 0 6 0

## Dislocation and Fracture Apparatus, *continued.*

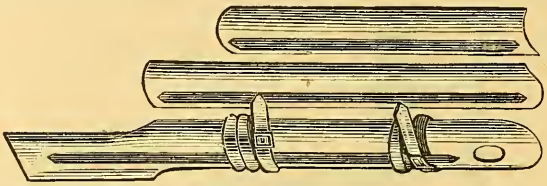


Fig. 1464.

**Fracture Apparatus,** *continued,*— £ s. d.

Arm Splints, *continued,*—

Clines', in sets of 3 "three's" (*Fig.* 1464) per set 0 5 3

Ditto, ditto, made in wire . . . ,, 0 16 6

Fig. 1465.

Crimean, padded (*Fig.* 1465), in sets of 3 . per set 0 4 0

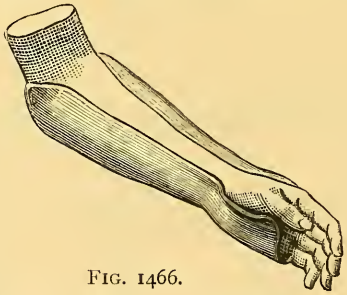


Fig. 1466.

Fisher's Poroplastic Felt Arm Splints, in 6 sizes (*Fig.* 1466) . . . per set of 6 pairs 1 10 0

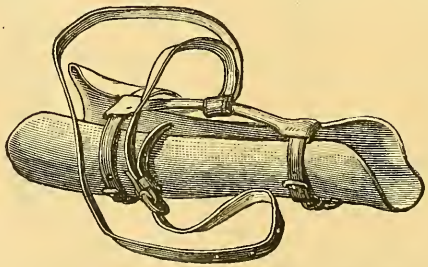


Fig. 1467.

## Dislocation and Fracture Apparatus, *continued.*

**Fracture Apparatus,** *continued,*— £ s. d.

Arm Splints, *continued,*—

Fisher's Poroplastic Felt Arm Splints, mounted as arm slings (*Fig.* 1467) . . . . each 0 10 6

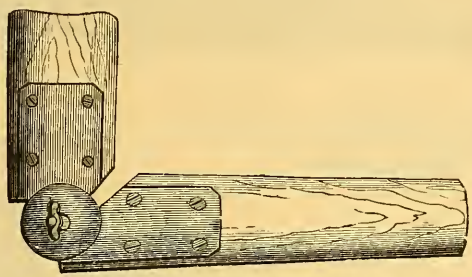


Fig. 1468.

Jointed wood, to fix at any angle (*Fig.* 1468), in sets of 3 sizes. . . . . per set 0 18 0

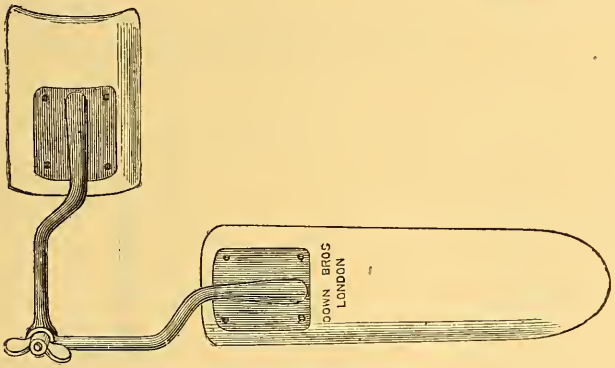



Fig. 1469.

Ditto, ditto, with interruption (*Fig.* 1469), in sets of 3 sizes, per set 1 2 6

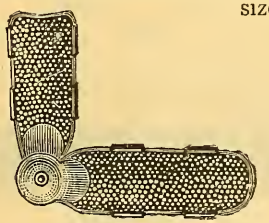


Fig. 1470.

Jointed perforated zinc, to fix at any angle (*Fig.* 1470), in 3 sizes, per pair, 6*s.*; with set screw, per pair 0 7 6

Ditto, wire, with set screw . . . „ 0 7 6

## Dislocation and Fracture Apparatus, *continued.*

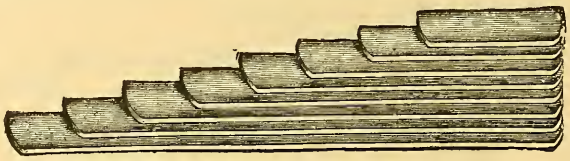


FIG. 1471.

**Fracture Apparatus,** *continued*,— £ *s.* *d.*

Lined Splints (*Fig.* 1471), in sets of 8 pairs, per set, small, 2*s.*; large . . . . . 0 2 6

FIG. 1472.

Potts' Hollow (*Fig.* 1472), in sets of 8 pairs, per set 0 5 3

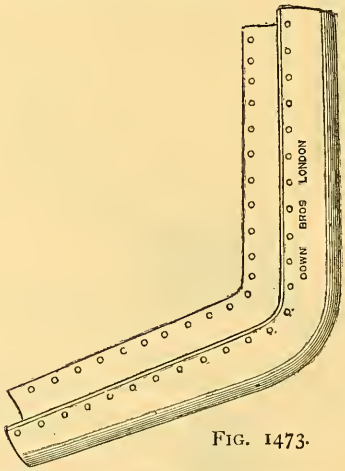



FIG. 1473.

Tin Trough-Splints (*Fig.* 1473), in 3 sizes . each 0 4 6

FIG. 1474.

Zinc, perforated, straight (*Fig.* 1474), in sets of 6 pairs, per set 0 12 0

Wire, straight, in sets of 6 . . . „ 0 9 6

## Dislocation and Fracture Apparatus, *continued.*

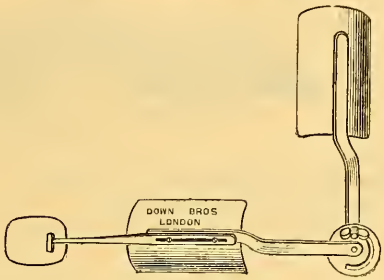



FIG. 1475.

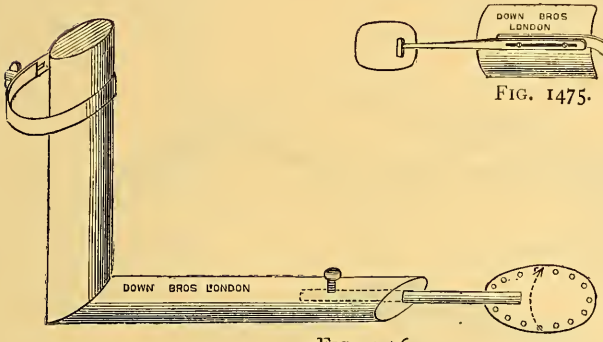



FIG. 1476.

| Fracture Apparatus, *continued,*— | £ | s. | d. |
|---|---|---|---|
| ELBOW SPLINTS,— | | | |
| Bryant's, for excision, with jointed hand-plate (*Fig.* 1475) . . . . . each | 0 | 17 | 6 |
| Heath's, ditto . . . . . ,, | 1 | 8 | 0 |
| Jacobson's, ditto (*Fig.* 1476) . . . . ,, | 0 | 17 | 6 |

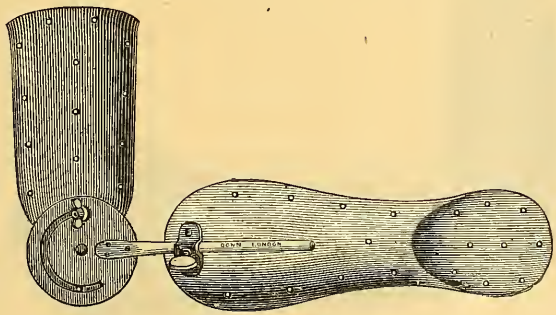


FIG. 1477.

| | | | |
|---|---|---|---|
| Mason's, ditto (*Fig.* 1477) . . . . each | 0 | 18 | 0 |
| Rack, for extension . . . . . ,, | 0 | 15 | 0 |

## Dislocation and Fracture Apparatus, *continued.*

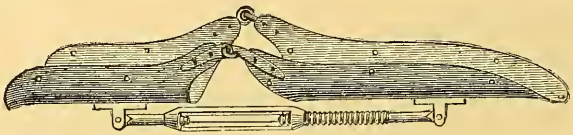


FIG. 1478.

**Fracture Apparatus,** *continued,*— £ s. d.

ELBOW SPLINTS, *continued,*—

Screw, for extension (*Fig.* 1478) . . . each 0 12 0

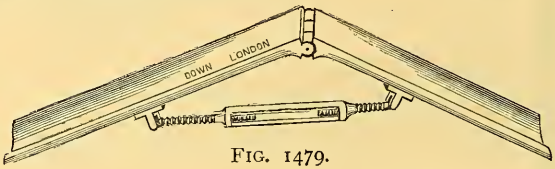



FIG. 1479.

Ditto, ditto, wood (*Fig.* 1479) . . . each 0 9 0

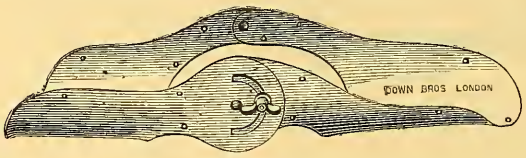



FIG. 1480.

Winchester's (*Fig.* 1480) . . . . . each 0 7 6

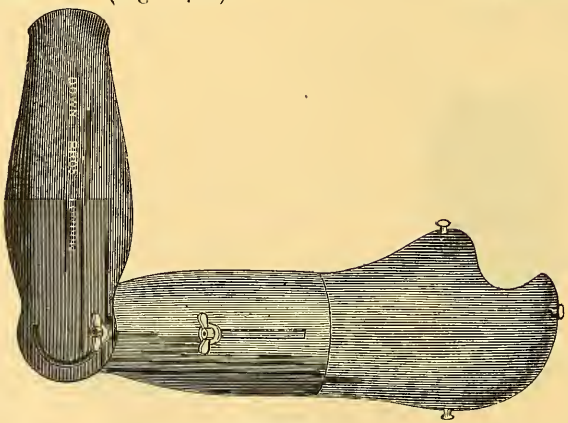


FIG. 1481.

HUMERUS SPLINTS,—

Iron, japanned, with slides for adjusting length (*Fig.* 1481) . . . . . each 0 15 6

## Dislocation and Fracture Apparatus, *continued.*

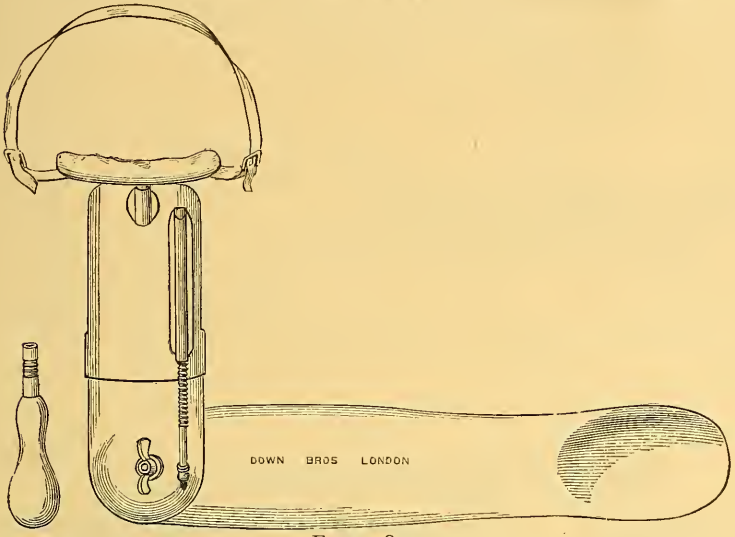



Fig. 1482.

**Fracture Apparatus**, *continued*,— £ s. d.

Humerus Splints, *continued*,—

Iron, japanned, with axilla pad and shoulder strap (*Fig.* 1482) . . . . . each 0 18 6

Fig. 1483.

Radius Splints,—

Carr's (*Fig.* 1483) . . in sets of 3 pairs, per set 0 9 0

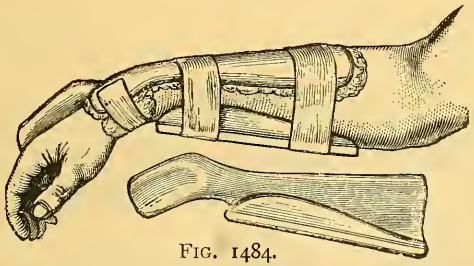


Fig. 1484.

Gordon's (*Fig.* 1484) . per pair, right and left 0 7 6

## Dislocation and Fracture Apparatus, *continued.*

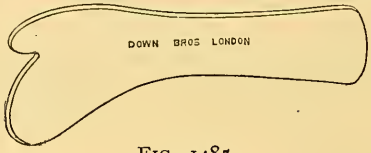



FIG. 1485.

| | £ | s. | d. |
|---|---|---|---|
| **Fracture Apparatus,** *continued,*— | | | |
| RADIUS SPLINTS, *continued,*— | | | |
| Nèlaton's, with thumb-pieces (*Fig.* 1485) . . each | 0 | 0 | 9 |

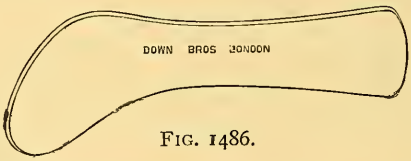



FIG. 1486.

| | | | |
|---|---|---|---|
| Ditto, without thumb-pieces (*Fig.* 1486) . each | 0 | 0 | 8 |

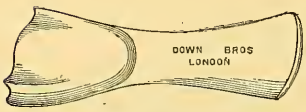



FIG. 1487.

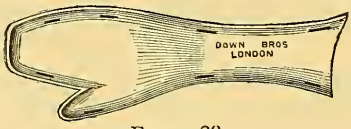



FIG. 1488.

| | | | |
|---|---|---|---|
| **Hand Splints,**— | | | |
| Hawkins' (*Fig.* 1487), in 3 sizes . . . per pair | 0 | 8 | 0 |
| Pemberton's (*Fig.* 1488), ditto . . . ,, | 0 | 6 | 0 |

FIG. 1489.

| | | | |
|---|---|---|---|
| Plain wood (*Fig.* 1489) . . . . per doz. | 0 | 8 | 6 |
| Wire . . . . . per pair | 0 | 6 | 6 |

FIG. 1490.

| | | | |
|---|---|---|---|
| **Finger Splints,**— | | | |
| Perforated Zinc (*Fig.* 1490). . per set of 5 pairs | 0 | 4 | 6 |
| Tin, Guy's pattern . . . . . per doz. | 0 | 3 | 9 |
| Wood, hollowed . . . . . ,, | 0 | 3 | 9 |
| **Forceps for Reducing Finger Dislocations** (as used at St. Thomas's Hospital) . . . each | 1 | 1 | 0 |

**Jaw Splints** (*see pages* 65 *and* 66).

## Dislocation and Fracture Apparatus, *continued.*

FIG. 1491.

| Leg and Thigh Splints, etc.,— | | £ | s. | d. |
|---|---|---|---|---|
| Amesbury's Box Splint . . . . . | each | 2 | 5 | 0 |
| Back Leg Splints, Guy's pattern, wood (*Fig.* 1491) | „ | 0 | 5 | 6 |

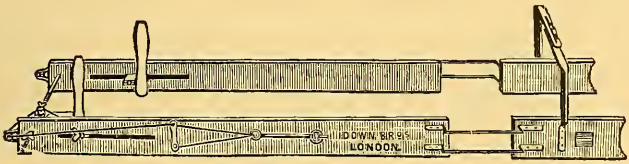



FIG. 1492.

| | | | | |
|---|---|---|---|---|
| Bryant's Double (*Fig.* 1492), for securing parallelism of the extremities in cases of hip disease, etc. | each | 2 | 12 | 6 |

*Padded, ready for use, 5s. extra.*

| | | | | |
|---|---|---|---|---|
| Bryant's Interrupted Leg Splints . . . | per pair | 0 | 9 | 6 |
| Bulley's . . . . . | each | 2 | 8 | 0 |
| Busk's . . . . . | „ | 0 | 15 | 6 |

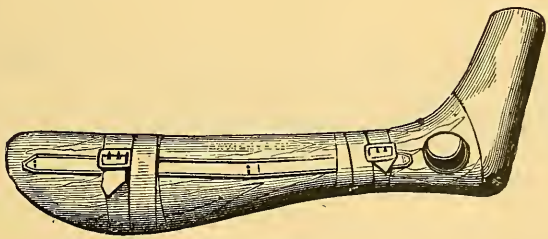


FIG. 1493.

| | | | | |
|---|---|---|---|---|
| Clines' Leg Splints, wood (*Fig.* 1493), in sets of three pairs, each right and left . . . | per set | 0 | 16 | 0 |

## Dislocation and Fracture Apparatus, *continued.*

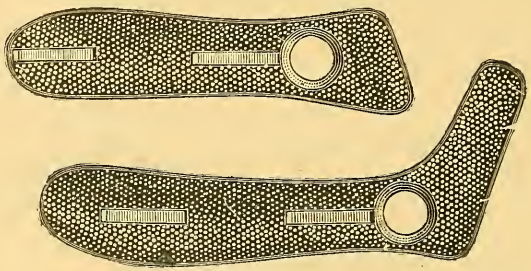


Fig. 1494.

| Leg and Thigh Splints, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| Clines' Leg Splints, perforated zinc (*Fig.* 1494), in sets of three pairs, each right and left . per set | 1 | 16 | 0 |

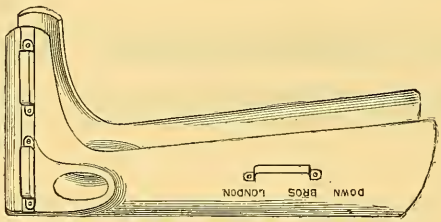



Fig. 1495.

| | | | |
|---|---|---|---|
| Ditto, ditto, wood, Guy's pattern (*Fig.* 1495), with double rectangular foot-pieces, suitable for either leg, in sets of three pairs . . . per set | 0 | 15 | 0 |
| Ditto, ditto, wire ditto . . . . ,, | 1 | 2 | 6 |
| Ditto, ditto, wire . . . . . per pair | 0 | 5 | 0 |

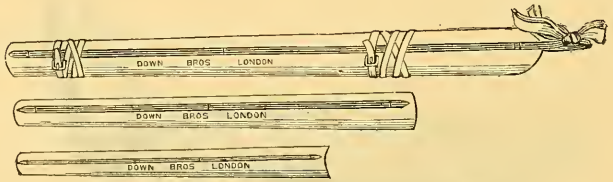



Fig. 1496.

| | | | |
|---|---|---|---|
| Clines' Thigh Splints (*Fig.* 1496), in set of 3 "threes" per set | 0 | 7 | 6 |
| Dupuytren's . . . . . each | 1 | 1 | 0 |

## Dislocation and Fracture Apparatus, *continued.*

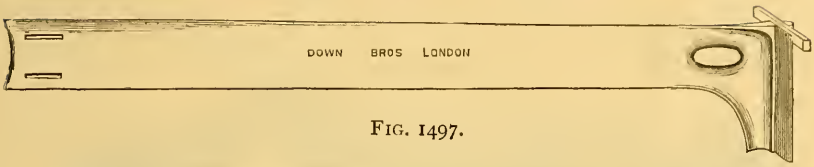



Fig. 1497.

| Leg and Thigh Splints, etc., *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Dessault's (*Fig.* 1497) | per pair | 0 | 10 | 6 |
| Fergusson's, for excision of knee | each | 0 | 18 | 0 |

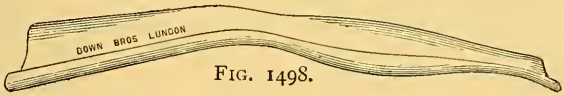



Fig. 1498.

| | | | | |
|---|---|---|---|---|
| Ham Splints (*Fig.* 1498) | each | 0 | 3 | 9 |
| Hodgen's Wire Splints | „ | 0 | 8 | 6 |
| Pulleys for use with same | per set | 0 | 7 | 6 |
| Upright, for end of bed, to suspend pulleys, as used at Guy's | each | 0 | 11 | 6 |

Fig. 1499.

| | | | | |
|---|---|---|---|---|
| Howse's, for excision of knee (*Fig.* 1499) (*For same in use with Cradle, see Fig.* 1455.) | each | 1 | 1 | 0 |
| Knee Extension, with rack | each | 0 | 15 | 0 |
| Ditto, with screw | „ | 0 | 12 | 0 |
| Lawrence's, iron japanned, for back of leg (*For same in use with Cradle, see Fig.* 1457). | „ | 0 | 9 | 0 |
| Wooden Sidepieces, for use with same | per pair | 0 | 3 | 0 |
| Leather Moulded Splints (*see pages* 454, 455). | | | | |

Fig. 1500.

| | | | | |
|---|---|---|---|---|
| Liston's, wood, for leg and thigh (*Fig.* 1500) | per set of six | 0 | 7 | 6 |
| Ditto, ditto, with sliding foot-board | each | 0 | 10 | 6 |

*If padded and fitted with perineal straps for extension, 3s. 6d. each extra.*

## Dislocation and Fracture Apparatus, *continued.*

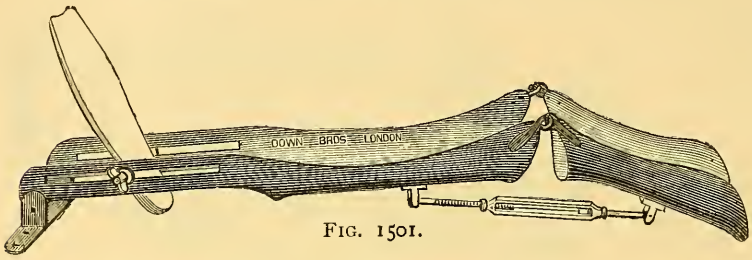



Fig. 1501.

| Leg and Thigh Splints, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| Liston's, iron, japanned, simple or modified form of McIntyre's (*Fig.* 1501) . . . . each | 0 | 18 | 0 |
| MacCormac's Splint for excision of knee . . „ | 0 | 15 | 0 |

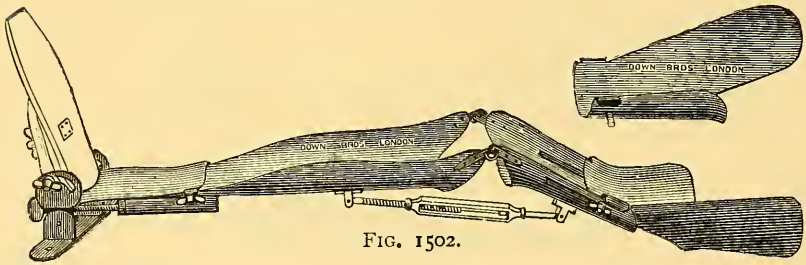



Fig. 1502.

| | | | |
|---|---|---|---|
| McIntyre's ditto, with screw extension, right and left thigh-pieces, etc. (*Fig.* 1502) . . . each | 2 | 5 | 0 |

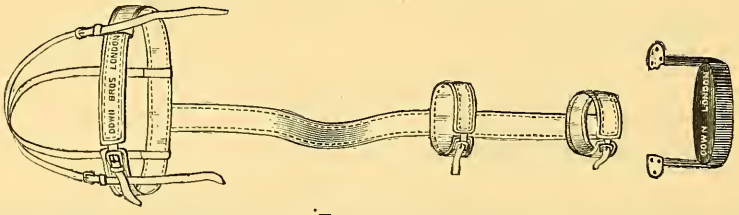



Fig. 1503.

| | | | |
|---|---|---|---|
| Thomas's Hip Splint, for extension,— each, 22*s.*; with patten | 1 | 7 | 6 |
| Ditto, ditto, for both hips . . . . each | 1 | 17 | 6 |
| Ditto, ditto, ditto, Croft's modification . . „ | 1 | 17 | 6 |
| Ditto, Knee Splint (*Fig.* 1504), each, £1 1*s.*; with patten | 1 | 6 | 6 |
| Watson's Splint for excision of knee, consisting of shaped Gooch's splint and iron suspension rod, each | 0 | 15 | 6 |

## Dislocation and Fracture Apparatus, *continued.*

FIG. 1504.

| | £ | s. | d. |
|---|---|---|---|
| **Malgaigne's Hooks,** for fractured patella . . each | 0 | 15 | 0 |
| **Materials for Splints,—** | | | |
| Bavarian Splint Flannel . . . . . per yard | 0 | 1 | 0 |
| Gutta-percha, $\frac{1}{8}$-in. thick . . . . per lb. | 0 | 3 | 6 |
| Millboard . . . . . per sheet | 0 | 1 | 3 |
| Ditto, Gamgee's . per sheet, 1*s.* 6*d.*; dextrined | 0 | 2 | 6 |
| Muslin Bandages (fine) for Croft's Splints . per doz. | 0 | 3 | 9 |
| Plaster of Paris . . . . per tin, 1*s.* 6*d.* and | 0 | 3 | 0 |
| Poroplastic Felt . . per lb., 3*s.*, 4*s.* 6*d.*, 6*s.* 9*d.* and | 0 | 9 | 9 |

FIG. 1505.

Scored Splinting Gooch's (*Fig.* 1505) . . per piece 0 4 0

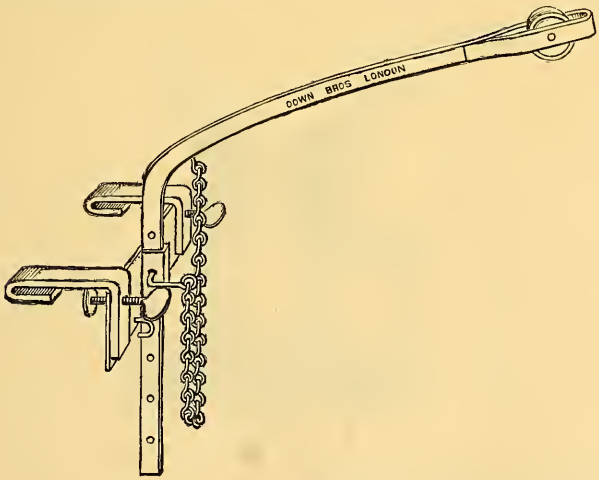



FIG. 1506.

## Dislocation and Fracture Apparatus, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Pulley Apparatus** for extension, to fix on end of bed . . each | 0 | 12 | 6 |
| Ditto, with arrangement to raise or lower . . . „ | 0 | 17 | 6 |
| Ditto, wooden upright, as used at Guy's . . . „ | 0 | 11 | 6 |
| Ditto, as suggested by Mr. Johnson Smith, and used at the Seamen's Hospital (*Fig.* 1506) . . each | 1 | 5 | 0 |
| Ditto, as used at St. Thomas's Hospital . . . „ | 1 | 5 | 0 |
| Tin canisters, graduated, for shot . . . . „ | 0 | 3 | 6 |
| **Splint Padding.** Wadding, in sheets, per piece of 12 yards | 0 | 3 | 6 |
| Ditto, Gamgee tissue . per lb., 1*s.* 9*d.*, 2*s.*, and | 0 | 2 | 6 |
| **Splint Straps** . . per doz., 18-in., 4*s.* 6*d.*; 27-in., | 0 | 6 | 0 |
| Ditto, for extension with perineal pads . . each | 0 | 3 | 0 |

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## DEFORMITY INSTRUMENTS AND APPLIANCES.

| | £ | s. | d. |
|---|---|---|---|
| **Anklets,** Wire Elastic . . . . . each | 0 | 14 | 0 |
| (*Measurements as per page* 472.) | | | |
| **Bunion Springs** . . . . . „ | 0 | 12 | 6 |
| **Chest Expanders,** india-rubber, for calisthenic exercises . . per doz., No. 1, 20*s.*; No. 2, 24*s.*; No. 3, 30*s.*; No. 4, 38*s.*; No. 5, 52*s.*; No. 6 | 3 | 6 | 0 |

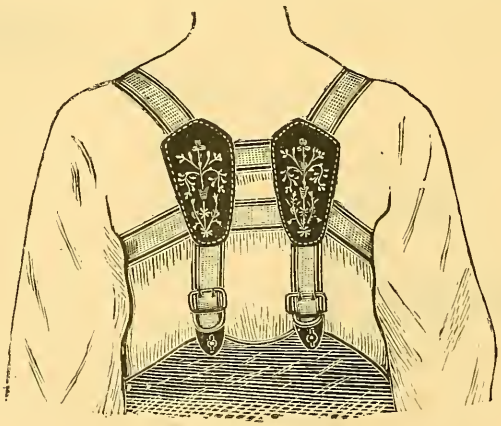

Fig. 1507.

**Chest Expanding Braces,—**

| | | | | |
|---|---|---|---|---|
| Gentlemen's, with metal plates (*Fig.* 1507) . | per pair | 0 | 7 | 6 |

## Deformity Instruments and Appliances, *continued.*

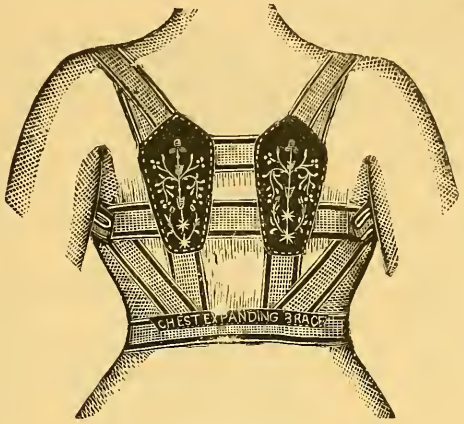


Fig. 1508.

| | £ | s. | d. |
|---|---|---|---|
| **Chest Expanding Braces,** *continued*,— | | | |
| Ladies', with metal plates (*Fig.* 1508) . . per pair | 0 | 7 | 6 |

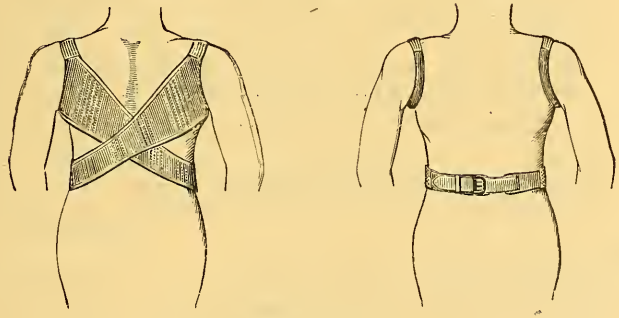

Fig. 1509.

| | | | |
|---|---|---|---|
| Improved pattern, suitable for ladies or gentlemen or children (*Fig.* 1509) . . . . per pair | 0 | 10 | 6 |
| *Measurements required.*—Circumference of waist and chest. | | | |
| **Cork Boots,** for short legs . . each, from 25*s.* to | 2 | 5 | 0 |
| **Ear Pads,** ivory, with steel spring for projecting ears, per pair | 1 | 1 | 0 |
| **Finger Instruments,** for contracted fingers,— | | | |
| 1 Finger . each, with 2 racks, £1 10*s.*; with 3 racks | 2 | 0 | 0 |
| 2 Fingers . ,, ,, £2 10*s.*; ,, | 3 | 10 | 0 |
| 3 Fingers . ,, ,, £3 10*s.*; ,, | 5 | 0 | 0 |
| 4 Fingers . ,, ,, £4 10*s.*; ,, | 6 | 10 | 0 |

## Deformity Instruments and Appliances, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Flat Foot Appliances,—** | | | |
| Boots, with shaped spring and sliding plates fitted between soles . . per pair, from £1 15*s.* to | 2 | 2 | 0 |
| Golding-Bird's Apparatus, with leg stem and elastic accumulator attached to webbing band for arch of foot (for one foot) . . . . . each | 1 | 1 | 0 |
| Single Leg Stem, for outside leg, to be used in conjunction with a forked strap on inner side of boot, with round socket, 15*s.*; with square socket and ankle joint . . . . . each | 0 | 18 | 6 |
| Double Leg Stems, ditto, ditto . each, £1 7*s.* 6*d.* and | 1 | 13 | 6 |
| Single Leg Stem, with ankle joint and improved spring socket, ditto, ditto . . . . . each | 1 | 1 | 0 |
| Double ditto, for severe forms, with moulded leather band below knee, to relieve foot from weight of body | 2 | 2 | 0 |
| Boots for any of the above, including forked straps, per pair, ladies, from 21*s.* to £1 11*s.* 6*d.*; gent's, 21*s.* to | 1 | 14 | 6 |
| *Measurements required.*—Circumferences below knee and at ankle joint; length below knee to ground. State whether right or left. For the moulded band, mould or cast also required. For boots, pattern boots or circumferences at ankle, heel, instep, and ball of toes, and tracing of foot. | | | |
| Valgus or varus plates, for slipping inside boots, each, 5*s.*, per pair | 0 | 10 | 0 |
| Ditto, ditto, improved double springs, for ditto „ | 0 | 16 | 6 |
| Ditto, for fixing between soles of boots, each, 4*s.*; per pair | 0 | 7 | 6 |
| **Knee Appliances,—** | | | |
| Leather Knee Caps, moulded, to lace . . . each | 1 | 5 | 0 |
| Ditto, ditto, with lateral steel joints . . . „ | 1 | 15 | 0 |
| Ditto, ditto, padded for fractured patella (*Fig.* 1510) each | 0 | 17 | 6 |
| Spring Clamps, for loose cartilage . . . „ | 1 | 1 | 0 |
| Modified form, with straps in place of springs . „ | 0 | 12 | 6 |
| Web and Jean Knee Caps, to lace, with strong leather strengthening pieces . . . . . each | 0 | 12 | 6 |
| Wire Elastic Knee Caps . . . . . „ | 0 | 15 | 0 |
| Ditto, ditto, with steel springs at back to give additional support and lessen action of the joint, each | 1 | 1 | 0 |
| Ditto, ditto, with light lateral steel joint . . each | 1 | 5 | 6 |
| *Measurements required.*—Same as for Elastic Knee Caps (*page* 472). State whether for right or left knee. | | | |

## Deformity Instruments and Appliances, *continued.*

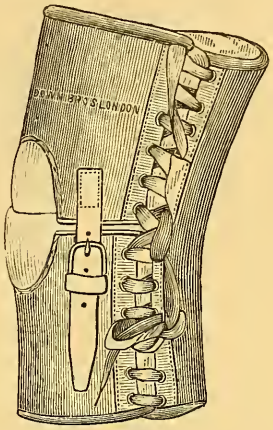

Fig. 1510.

| Leg Instruments, for Inward and Outward Curvature, etc. | £ | s. | d. |
|---|---|---|---|
| Inward Curvature (genu-valgum), with pelvic band and slides to admit of alterations for growth, including boots . . . . per pair, from £3 14s. to | 5 | 5 | 0 |
| Outward Curvature, with pelvic band, the irons inside the leg up to the knee, and outside the leg above the knee, slides to admit of alterations for growth, including boots . . per pair, from £4 15s. to | 6 | 6 | 0 |
| *Measurements required.*—Circumferences of pelvis, thigh, knee, below knee, ankle, heel, instep, ball of toes, and tracing of foot on paper (or pattern boot). Lengths: great trochanter to centre of knee, centre of knee to ankle, and ankle to ground. | | | |
| Anterior Curvature of tibia, with slides at knee to admit of alteration for growth, steel cradles, lacing pieces, including boots . . . . . per pair | 3 | 3 | 0 |
| (*State if combined with inward or outward curvature.*) | | | |
| Outward Curvature of Tibia, with slides at knee to admit of alteration for growth, including boots, per pair | 2 | 12 | 6 |
| Ditto, ditto, with addition of steel cradles . „ | 3 | 3 | 0 |

## Deformity Instruments and Appliances, *continued.*

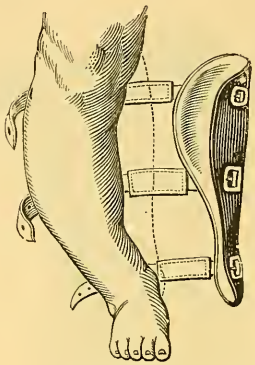

Fig. 1511.

| Leg Instruments, *continued*,— | £ | s. | d |
|---|---|---|---|
| Fisher's Poroplastic Felt Splints, for inward or outward curvature of tibia (*Fig.* 1511) . . per pair | 0 | 10 | 6 |
| Ditto, ditto, for knock knees . . . „ | 0 | 10 | 6 |
| Padded Wood Splints, for inward or outward curvature of tibia . . . . . per pair | 0 | 7 | 6 |

*Measurements required.*— Circumferences at knee, below knee, and ankle; lengths centre of knee to ankle and ankle to ground; pattern boot, or circumferences at heel, instep, ball of toes, and tracing of foot on paper.

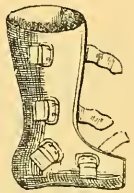

Fig. 1512.

| Moulded Leather Splints (as used by the late Mr. Hilton),— | | | |
|---|---|---|---|
| Arm and Hand (for disease about wrist joint), each from | 1 | 1 | 0 |
| Arm and Shoulder (for disease about shoulder joint) each from | 2 | 12 | 6 |
| Ankle and Foot (*Fig.* 1512) . . . „ „ | 1 | 1 | 0 |
| Hip and Leg to Knee (*Fig.* 1513) . . „ „ | 2 | 10 | 0 |
| Ditto, to include Knee . . . . „ „ | 2 | 12 | 6 |

## Deformity Instruments and Appliances, *continued.*

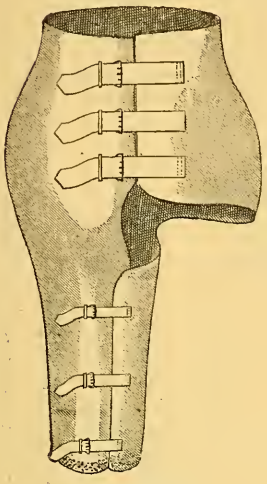

Fig. 1513.

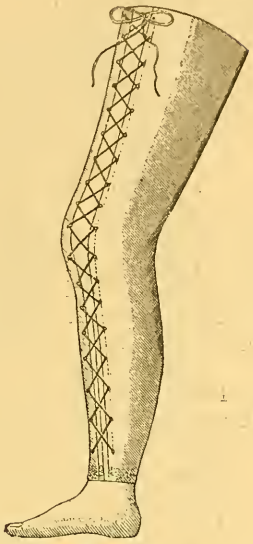

Fig. 1514.

| | £ | s. | d. |
|---|---|---|---|
| **Moulded Leather Splints,** *continued,*— | | | |
| Knee . . . . . each from | 1 | 1 | 0 |
| Thigh to Ankle (*Fig.* 1514) . . . „ „ | 1 | 7 | 6 |
| *Moulded directly on the Patient, or cast required.* | | | |
| **Moulded Poroplastic Splints,**— | | | |
| Arm and Hand, hospital quality and left plain, each from 12*s.* 6*d.*; super quality covered . . . | 1 | 10 | 0 |
| Arm and Shoulder, hospital quality and left plain, each from 30*s.*; super quality covered . . . | 3 | 3 | 0 |
| Ankle and Foot (*Fig.* 1512), hospital quality and left plain, each from 12*s.* 6*d.*; super quality covered . | 1 | 5 | 0 |
| Hip and Leg to Knee (*Fig.* 1513), hospital quality and left plain, each from 30*s.*; super quality covered . | 3 | 3 | 0 |
| Ditto, to include Knee, hospital quality and left plain, each from 32*s.* 6*d.*; super quality covered . . | 3 | 5 | 0 |
| Knee, hospital quality and left plain, each from 15*s.*; super quality covered . . . . . | 1 | 5 | 0 |
| Thigh to Ankle (*Fig.* 1514), hospital quality and left plain, each from 21*s.*; super quality covered . | 2 | 2 | 0 |
| *Moulded directly on the Patient, or cast required.* | | | |

**Nose Appliances,** for deformed or fractured nose (*see pages* 145 *and* 146).

## Deformity Instruments and Appliances, *continued.*

| Sayre's Apparatus,— | £ | s. | d. |
|---|---|---|---|
| The Set of Apparatus complete, consisting of tripod, leather band for chin and occiput, arm rests, and set of pulleys and cross-bar | 5 | 2 | 6 |
| The Set of Apparatus complete, as modified by Mr. Golding-Bird, consisting of portable tripod, web band for chin and occiput, arm rests, apparatus for regulating the tension on head and arms, and set of pulleys | 7 | 0 | 0 |
| Apparatus for regulating tension on head and arms, Golding-Bird's . . . . . per set | 1 | 3 | 6 |
| Arm Rests, Golding-Bird's . . . . . per pair | 0 | 7 | 6 |
| Ditto, Sayre's . . . . . ,, | 0 | 8 | 6 |
| Cross-bars, large, for use with Sayre's or Golding-Bird's, nickel-plated . . . . . each | 0 | 10 | 6 |
| Ditto, small (Golding-Bird's), nickel-plated . ,, | 0 | 7 | 6 |
| Gauze Bandages, in 6-yd. rolls, per doz., 3-in., 4*s.* 6*d.*; 4-in. | 0 | 6 | 0 |
| Ditto, in 4-yard rolls, 4-in. . . . . per doz. | 0 | 4 | 6 |
| Ditto, prepared ready for use, in sealed tins, containing 6, 9, or 12 4-yard rolls, 4-in., per doz. rolls | 0 | 8 | 0 |
| Ditto, ditto, ditto, containing 6, 9, or 12 6-yard rolls, 3-in. . . . . per doz. rolls | 0 | 8 | 0 |
| Head Bands, Golding-Bird's . . . . . each | 0 | 3 | 6 |
| Ditto, Sayre's . . . . . ,, | 0 | 7 | 6 |
| Ditto, improved web and leather . . . ,, | 0 | 6 | 6 |
| Jury Masts, Golding-Bird's, with fittings . . ,, | 0 | 17 | 6 |
| Ditto, Sayre's, ditto . . . . . ,, | 1 | 1 | 0 |
| Ditto, with improved web and leather head band ,, | 1 | 0 | 0 |
| Plasterof Paris, in $3\frac{1}{2}$-lb. sealed tins, per tin, 1*s.* 6*d.*; in 7-lb. tins. . . . . per tin | 0 | 2 | 6 |
| Pulleys . . . . . per set | 1 | 1 | 0 |
| Tin Strips . . . . . per bundle | 0 | 3 | 0 |
| Tripods, Golding-Bird's, polished ash . . . each | 3 | 7 | 6 |
| Ditto, Sayre's, ditto . . . . . ,, | 2 | 15 | 0 |
| Woollen Vests, per doz., No. 60, 21*s.*; No. 70, 24*s.*; No. 80, 27*s.*; No. 90, 30*s.*; No. 100, 33*s.*; No. 110, 36*s.*; No. 120, 39*s.*; No. 130 . . . | 2 | 2 | 0 |
| **Spinal Apparatus,—** | | | |
| Angular Curvature . . . . . each | 4 | 4 | 0 |
| Ditto, with double rack action, back plate . . | 5 | 15 | 6 |

*Measurements required.* — Circumferences at chest, waist, over apex of protuberance, and pelvis 2 inches below crest of ilium; lengths from axilla to ilium, and great trochanter on right and left sides; length from sacro-lumbar articulation to apex of

## Deformity Instruments and Appliances, *continued.*

Spinal Apparatus, *continued*,— £ s. d.

protuberance, and measurements of protuberance. A light Sayre's jacket, applied and taken off as soon as dry, forms a mould from which a cast can be taken, which is the best possible guide for making these apparatus to fit accurately.

Fig. 1515.

Cervical Curvature,—

Light Spinal Support, with adjustable head rest . each 6 6 0
India-rubber Inflating Collars for relieving the weight of head (*Fig.* 1515) . . each, 10*s.* 6*d.* to 0 15 0
Poroplastic Jacket, with jury mast . . each from 2 12 6
Double Lateral Curvature . . . . each 4 14 6
Ditto, ditto, with rotation. . . . . „ 5 15 6
Ditto, ditto, with relaxed scapulæ . . . „ 6 6 0

*Measurements required.*—Lengths from axilla to crest of ilium, and great trochanter on right and left sides; circumferences of chest, waist, and pelvis 2 inches below crest of ilium. State the side of protuberance, and its dimensions, or a cast as explained above.

Protheroe Smith's, for Lateral Curvature in its early stages . . . . . each 4 4 0
Ditto, with Pads for overcoming rotation or enlargement of shoulder . . . . . each 6 6 0

*Measurements required.*—Lengths from centre of spine in a line with the axillæ to the sacro-lumbar articulation, and from waist to pubis; circumferences of chest immediately under axillæ, at waist, and pelvis 2 inches below the crest of ilium to the pubis. If fitted with pads, the position and size of these must also be indicated, or a cast taken as explained above.

## Deformity Instruments and Appliances, *continued.*

| Cervical Curvature, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Simple Lateral Curvature . . . . each | 3 | 13 | 6 |

*Measurements required.*—Lengths from axilla to ilium and great trochanter on right and left sides; circumferences of chest, waist, and pelvis 2 inches below crest of ilium.

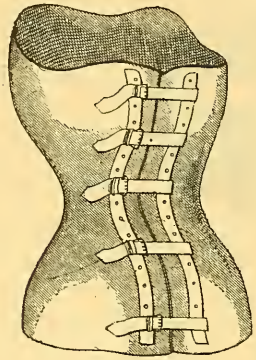

Fig. 1516.

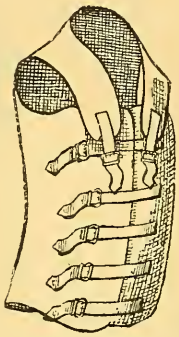

Fig. 1517.

**Poroplastic Felt Jackets,—**

| | | | |
|---|---|---|---|
| Hospital quality, felt (*Figs.* 1516 *and* 1517) each, from 14*s.* to | 1 | 5 | 0 |
| Super quality, ditto . . . . . ,, ,, 25*s.* to | 2 | 2 | 0 |

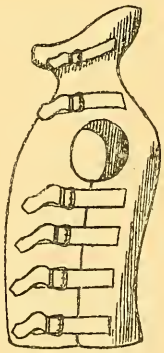

Fig. 1518.

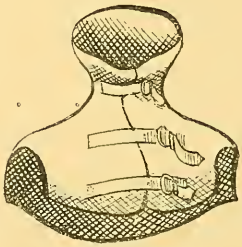

Fig. 1519.

| | | | |
|---|---|---|---|
| Hospital quality, for Cervical Curvature (*Figs.* 1518 *and* 1519) . . . each, from 17*s.* 6*d.* to | 1 | 10 | 0 |
| Superior ditto, ditto . . . . ,, ,, 35*s.* to | 2 | 15 | 0 |

## Deformity Instruments and Appliances, *continued.*

| Poroplastic Felt Jackets, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Steel Strips attached to same where required, according to nature of case . . . . extra, from | 0 | 10 | 6 |

*Measurements required.*—Lengths from axilla to crest of ilium, and ilium to great trochanter; circumferences at chest, waist, and pelvis below crest of ilium. If for angular or severe lateral curvature, position and size of protuberance must be indicated or cast taken as explained above.

These Jackets require subsequent moulding to the body of the patient.

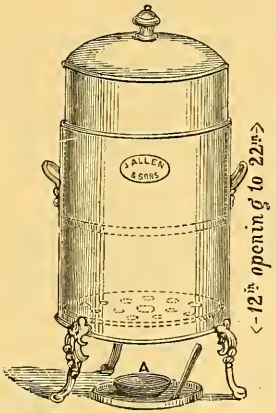


Fig. 1520.

| | | | |
|---|---|---|---|
| Steaming Apparatus for moulding Poroplastic Felt Jackets, etc.,— | | | |
| Allen's portable (*Fig.* 1520) . . . . each | 0 | 18 | 6 |
| Ditto, ditto, Down's pattern, useful also for large appliances . . . . . each | 1 | 10 | 0 |
| Sayre's Jackets, fitted to patients . . . „ | 1 | 11 | 6 |
| (*Including supply of vests and bandages.*) | | | |
| Stays, for Spinal Curvature, with steel arm supports, made in white, grey, or pink, with whalebone supports . . . . . per pair | 3 | 13 | 6 |

*Measurements required.* — Circumferences at chest, waist, and hips; lengths—armpit to waist, and waist to 2 inches below hips, length from under centre of armpit to centre of chest.

## Deformity Instruments and Appliances, *continued.*

| Talipes Instruments,— | £ | s. | d. |
|---|---|---|---|
| Bryant's Tin Splints, for Talipes Varus or Valgus . each | 0 | 8 | 6 |
| *Measurements required.*—Tracing of foot on paper, circumference of calf. State whether for valgus or varus. | | | |
| Calcaneus Apparatus, for severe cases . . . each | 2 | 10 | 0 |
| *Measurements required.*—Circumferences at calf, ankle, instep, and ball of toes; lengths—calf to ankle, and ankle to ground, and tracing of sole of foot. | | | |
| Ditto, with S-shaped spring and stop ankle-joint, to depress front part of foot and lessen strain on tendon achilles, with boot . . . . . | 2 | 17 | 6 |
| *Measurements required.*—Circumferences at epiphysis of tibia and above ankle-joint; lengths—epiphysis to ankle, and ankle to ground. State whether right or left. Pattern boot, or circumferences at ankle, instep, ball of toes, and tracing of foot on paper. | | | |
| Davies-Colley's Splint for Equino-Varus . . each | 0 | 7 | 6 |
| *Measurements required.*—Circumference of calf, length from upper epiphysis of tibia to heel; tracing of foot. State whether right or left. | | | |
| Davy's Shoe . . . . . each £2 2*s.* to | 3 | 3 | 0 |
| *Measurements required.*—Circumferences at calf, ankle, instep, and ball of toes; lengths—calf to ankle, and ankle to ground, and tracing of sole of foot. | | | |
| Holt's Talipes Splints, suggested by Mr. R. C. Holt, of Burnley, for use after the operation of Tarsotomy (*Fig.* 1521), each, 18*s.* 6*d.*, or with two foot plates | 1 | 1 | 0 |

METHOD OF USE.

For Varus.—*After the operation is performed, the ring is passed up the leg and fitted round the upper epiphysis of tibia. The foot is then securely bandaged to the footpiece, and tension applied by hooking the chains on to the hooks at the side of the footpiece.*

For Equinus.—*Take out the movable pins from the hinges, and fit the uprights to the heel part of the footpiece; then proceed as before, finally hooking the chains on to the hooks in front.*

| | | | |
|---|---|---|---|
| Leg Stem, with stop ankle-joint, for slight cases, or to prevent re-contraction after operation, including boot . . . . . | 1 | 15 | 6 |
| Ditto, double ditto (as above, and to maintain foot in horizontal plane) . . . . . each | 2 | 10 | 6 |
| Ditto, with pelvic band, for adduction of foot . ,, | 3 | 17 | 6 |

## Deformity Instruments and Appliances, *continued.*

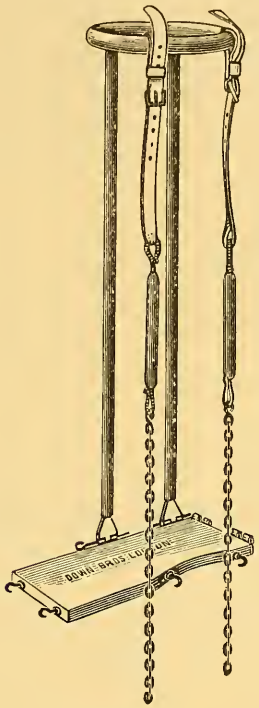

Fig. 1521.

| Talipes Instruments, *continued*, — | £ | s. | d. |
|---|---|---|---|
| *Measurements required.*—Circumferences below knee and above ankle-joint; lengths—below knee to ankle, and ankle to ground. State whether right or left. Pattern boot, or circumferences at ankle, instep, ball of toes, and tracing of foot on paper. If with pelvic band, in addition, circumference of pelvis and at knee; lengths—crest of ilium to great trochanter, trochanter to knee, and knee to ground. | | | |
| Scarpa's Shoe, single action, for adduction and lifting of the plantar arch of foot . . . . . | 1 | 10 | 0 |
| Ditto, double action, for adduction, lifting of the plantar arch, and to overcome obliquity of the sole of foot. . . . . | 2 | 5 | 0 |
| This apparatus, if carried up to the thigh. . . . | 3 | 5 | 0 |

## Deformity Instruments and Appliances, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Talipes Instruments,** *continued*,— | | | |
| Scarpa's Shoe, for adduction or abduction, for lifting of the plantar arch, to overcome obliquity of the sole, and turn the front part of foot . . . | 3 | 3 | 0 |
| This apparatus, if carried up to the thigh . . . | 4 | 4 | 0 |
| *Measurements required.*—Tracing of foot on paper, circumference of calf. State whether for valgus or varus. | | | |
| **Wristlets,** leather . . . . . each | 0 | 2 | 0 |
| **Wry Neck Apparatus** . . . . . „ | 6 | 6 | 0 |
| **Writer's Cramp Apparatus,**— | | | |
| Circular Bands for index and middle fingers, and Clip for the pen . . . . . each | 0 | 13 | 6 |
| Ditto, for index finger only, Clip for pen, and Rest for thumb . . . . . each | 0 | 16 | 6 |
| Oval Pad, for palm of hand, Clip for pen, and Rests for fingers . . . . . each | 1 | 17 | 6 |

## ARTIFICIAL LIMBS AND CRUTCHES.

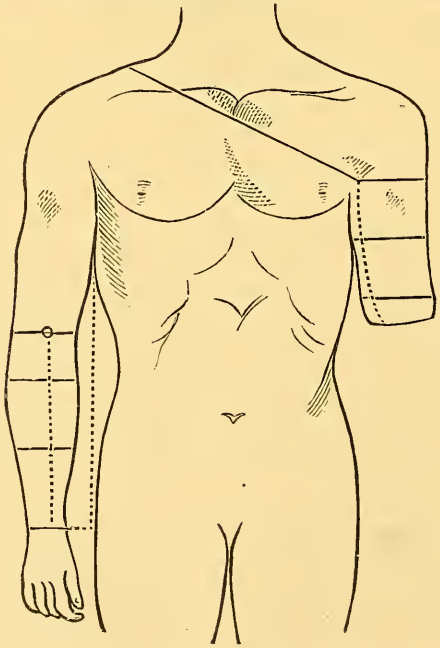

Fig. 1522.

## Artificial Limbs and Crutches, *continued.*

| Artificial Arms and Hands,— | £ | s. | d. |
|---|---|---|---|
| AMPUTATION ABOVE ELBOW (*Fig.* 1522),— | | | |
| Arm Socket, leather, with Hook and Knife or Fork, each | 1 | 15 | 0 |
| Ditto, wood, with Jointed Elbow . . . „ | 4 | 4 | 0 |
| Ditto, with Solid Hand . . . . „ | 9 | 0 | 0 |
| Ditto, with Jointed Hand . . . . „ | 11 | 11 | 0 |

*Measurements required.*—Length of stump from axilla; circumference of arm at axilla and middle and end of stump. State whether right or left; if with jointed elbow, or to have hand; state also length of sound arm, axilla to elbow, and elbow to wrist; and in case of hand, tracing of sound hand with fingers extended.

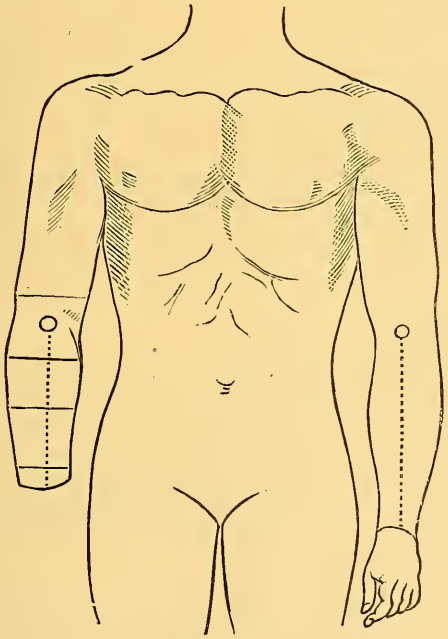

FIG. 1523.

| AMPUTATION BELOW ELBOW (*Fig.* 1523),— | | | |
|---|---|---|---|
| Arm Socket, leather, with Hook and Knife or Fork each | 1 | 12 | 0 |
| Ditto, ditto, with lateral steel joints, and ditto „ | 2 | 10 | 0 |
| Ditto, with Solid Hand . . . . „ | 7 | 0 | 0 |

## Artificial Limbs and Crutches, *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Artificial Arms and Hands,** *continued*,— | | | |
| Arm socket, with Solid Hand, lateral joints at elbow . . . each | 9 | 0 | 0 |
| Ditto, with Jointed Hand . . . . . „ | 9 | 9 | 0 |
| Ditto, ditto, and lateral joints at elbow . . . „ | 10 | 10 | 0 |
| *Measurements required.*—Length of stump from elbow to the end; circumferences above elbow, at elbow, middle and end of stump. Length of sound arm axilla to elbow, and elbow to wrist. If with hand, tracing of sound hand with fingers extended. State whether right or left. | | | |
| **Fingers or Part Hand,**— | | | |
| 2 Fingers, with leather socket . . . . . each | 2 | 15 | 0 |
| 3 Fingers, ditto . . . . . „ | 3 | 10 | 0 |
| 4 Fingers, ditto . . . . . „ | 4 | 0 | 0 |
| (*Plaster cast of hand required.*) | | | |
| **Artificial Eyes** . . . . . each | 0 | 15 | 0 |
| Ditto, made to special order . . . . „ | 1 | 1 | 0 |
| **Artificial Legs and Feet,**— | | | |
| AMPUTATION AT HIP-JOINT,— | | | |
| Moulded Leather, Pelvic Support and Jointed Pin, Down Bros'. Improved Model . . . each | 4 | 14 | 6 |
| *Measurements required.*—Mould or cast of pelvis, length to ground. | | | |
| AMPUTATION ABOVE KNEE OR THROUGH KNEE-JOINT (*Fig.* 1524),— | | | |
| Bucket Leg, leather socket . . . . each | 1 | 15 | 0 |
| Ditto, wooden ditto . . . . . „ | 1 | 10 | 0 |
| Ditto, ditto, and joint at knee . . . „ | 3 | 5 | 0 |
| *Shoulder Straps, when necessary, 5s. each extra.* | | | |
| *Measurements required.*—Circumferences of leg at crotch, middle, and end of stump; lengths from crotch to end of stump, and end of stump to ground, and crotch to ground, with boot on sound limb. State whether right or left. | | | |
| Artificial Leg and Foot, without tendons . . each | 9 | 0 | 0 |
| Ditto, superior, with tendons . . each, from | 12 | 12 | 0 |
| *Measurements required.*—Circumferences of thigh at crotch, middle, and end of stump; lengths from crotch to end of stump, end of stump to ground, and crotch to ground without boot on sound limb. Circumference of sound leg at calf, ankle, heel, instep, and toes; and length from crotch to centre knee. Tracing of sound foot or pattern boot. | | | |

## Artificial Limbs and Crutches, *continued.*

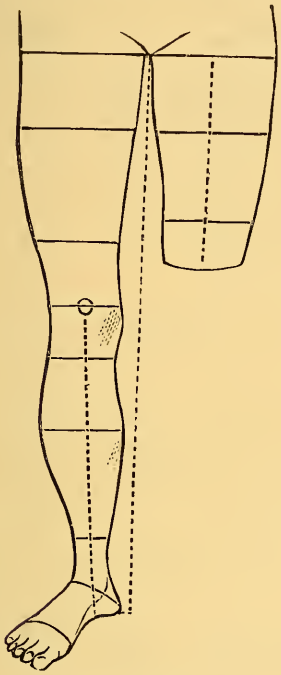

Fig. 1524.

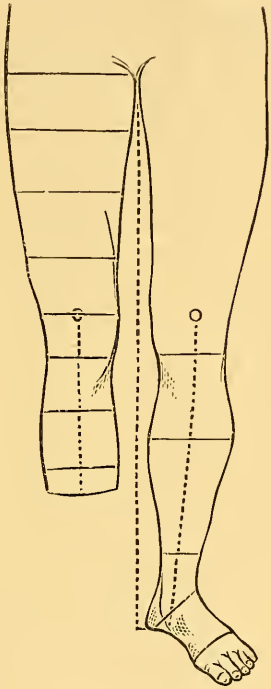

Fig. 1525.

| Artificial Legs and Feet, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Amputation below Knee (*Fig.* 1525),— | | | |
| Leather Socket (for long stumps) . . . each | 1 | 15 | 0 |
| *Measurements required.*—Circumference above and below knee, middle, and end of stump, length of stump from centre knee, length centre of knee to ground with boot on sound limb. State whether right or left. | | | |
| Pin Leg . . . . . each | 1 | 0 | 0 |
| Ditto, with rest (for long stumps) . . . „ | 1 | 5 | 0 |
| *Measurements required.*—Diameter at knee when bent, length from centre of knee when bent to ground with boot on sound limb. State whether right or left. | | | |
| Artificial Leg and Foot, without tendons (with lateral joints and thigh supports). . . . each | 8 | 8 | 0 |
| Ditto, ditto, superior ditto, ditto . . each, from | 10 | 10 | 0 |

## Artificial Limbs and Crutches, *continued.*

### Artificial Legs and Feet, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Amputation below Knee, *continued*,— | | | |
| *Measurements required.*—Circumferences of thigh and stump as shown on diagram, lengths from crotch to centre knee, and centre knee to end of stump, end of stump to ground, and crotch to ground without boot on sound limb; circumferences of sound limb below knee, calf, ankle, instep, and toes; tracing of sound foot or pattern boot. | | | |
| Amputation of Foot,— | | | |
| Chopart's Operation,— | | | |
| Boot . . . . . each, from | 1 | 12 | 0 |
| Artificial Foot . . . . . each | 3 | 0 | 0 |
| Mikulicz' Operation,— | | | |
| Boot . . . . . each | 2 | 10 | 0 |
| Pirogoff's Operation,— | | | |
| Round Boot . . . . . each, from | 1 | 12 | 0 |
| Artificial Foot . . . . . each | 5 | 0 | 0 |
| Syme's Operation,— | | | |
| Round Boot . . . . . each, from | 2 | 2 | 0 |
| Artificial Foot, without joint. . . . each | 5 | 0 | 0 |
| Ditto, with joint and tendon . . . „ | 8 | 8 | 0 |
| Ditto, improved pattern, without tendon . „ | 7 | 10 | 0 |
| Ditto, carried up the leg to take bearing on thigh . | 12 | 12 | 0 |
| *Measurements required.*—Circumferences below knee, calf and ankle, and of the stump, with cast of the same, lengths from centre knee to end of stump, and stump to ground, with boot on sound limb if for boot; but if for artificial foot, no boot should be on other foot, but pattern boot must be sent to match. | | | |

### Crutches,—

| | | | |
|---|---|---|---|
| Plain Stick, for Hospital use . . per doz. pairs | 1 | 7 | 0 |
| Ditto, with leather-padded heads (*Fig.* 1526) „ „ | 2 | 14 | 0 |
| Ditto, black (*Fig.* 1526), with leather-padded heads per pair | 0 | 7 | 6 |
| Ditto, ditto, ditto, with leg rest. . . . each | 0 | 15 | 0 |
| Double Spring (*Fig.* 1527) . . . . per pair | 1 | 16 | 0 |
| French Pattern (*Fig.* 1528). . . . „ | 0 | 16 | 6 |
| Single Spring (*Fig.* 1529) . . . . „ | 1 | 13 | 0 |
| Crutch Shoes, india-rubber . . . . „ | 0 | 2 | 0 |
| Ditto, leather . . . . . „ | 0 | 2 | 0 |

## Artificial Limbs and Crutches, *continued.*

Fig. 1526.

Fig. 1527.

Fig. 1528.

Fig. 1529.

| **Crutches,** *continued,*— | | £ | s. | d. |
|---|---|---|---|---|
| Crutch Sticks . . . . . | each | 0 | 4 | 6 |
| Ditto, with leg rest . . . . . | „ | 0 | 13 | 6 |

*Measurements required.*—Length from axilla to ground.

## ABDOMINAL BELTS, BINDERS, Etc.

*The prices quoted refer to stock sizes. If made to special measurements, an extra charge is made, excepting those marked with an asterisk, which are made to measure, and include all sizes up to 40-inch.*

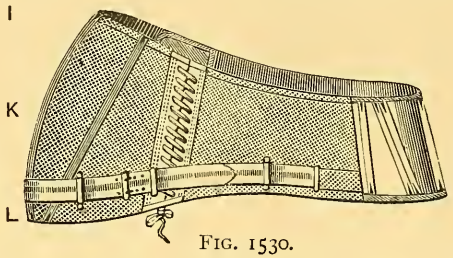


Fig. 1530.

*Measurements required.*—For Ladies' Abdominal Belts and Obstetric Binders, circumferences at I, K, and L, and depths I to K and K to L.

| **Abdominal Belts, Ladies'** (*Fig.* 1530),— | £ | s. | d. |
|---|---|---|---|
| Cotton Elastic, to draw on . . . . . each | 0 | 13 | 6 |
| Ditto, with side laces . . . . . „ | 0 | 15 | 6 |

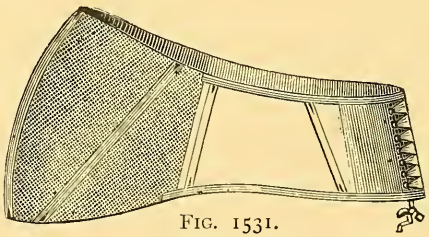

Fig. 1531.

| | | | |
|---|---|---|---|
| Ditto, with jean backs (*Fig.* 1531), to lace or buckle, each | 0 | 10 | 6 |
| *Ditto, best, with sateen jean backs and fulcrum band, Down Bros.' pattern . . . . . each | 1 | 2 | 6 |

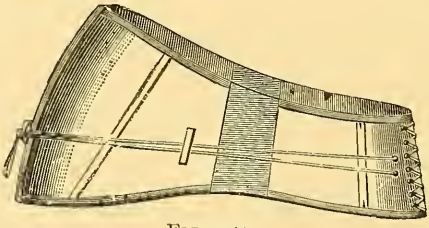

Fig. 1532.

## Abdominal Belts, Binders, Etc., *continued.*

| Abdominal Belts, Ladies', *continued*,— | £ | s. | d. |
|---|---|---|---|
| *Cotton, elastic sides only, with stout jean fronts and backs (*Fig.* 1532), hospital quality, fitted with pad and under-straps, for use after operations, each | 0 | 15 | 0 |
| *Ditto, ditto, with stout twill jean fronts and backs, and fitted with air pads, for use after operation, each | 1 | 1 | 0 |
| *Ditto, ditto, with coutille fronts and backs, made extra deep for use in cases of floating kidney, fitted with air pads . . . . . each | 2 | 7 | 6 |
| *Ditto, hospital quality, ditto . . . . „ | 2 | 2 | 0 |
| Silk Elastic, to draw on . . . . . „ | 1 | 1 | 0 |
| Ditto, with side laces . . . . . „ | 1 | 5 | 6 |
| Ditto, with jean backs (*Fig.* 1531), to lace or buckle, each | 0 | 16 | 0 |
| *Ditto, best, with pink sateen jean or moleskin backs and fulcrum bands, superior, Down Bros'. pattern, each | 1 | 12 | 6 |

*Any of the above fitted with perineal pads, from* 5*s. each extra.*
„ „ *with pads for Umbilical Hernia, from* 3*s. each extra.*
„ „ *fitted with understraps,* 3*s. per pair extra.*

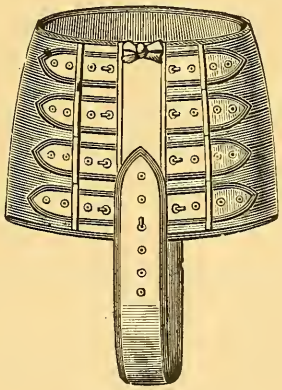

Fig. 1533.

| | | | |
|---|---|---|---|
| **Accouchement Binders** (*Fig.* 1533) . . . each | 0 | 5 | 0 |
| Ditto, improved with buckles . . . . „ | 0 | 6 | 6 |
| **Gentlemen's Belts,**— | | | |
| Anti-rheumatic scarlet flannel and elastic sides . „ | 0 | 10 | 6 |
| Cholera, all flannel, with buckles or tapes . . „ | 0 | 3 | 0 |

## Abdominal Belts, Binders, etc., *continued.*

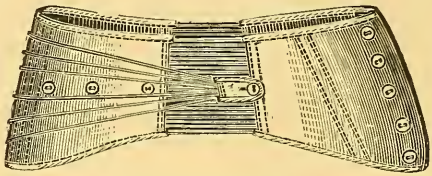

Fig. 1534.

| Gentlemen's Belts, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Corpulency, jean back and front, with elastic sides and expanding laces (*Fig.* 1534) . . . . each | 0 | 17 | 6 |
| Ditto, best pink moleskin, with elastic sides, to buckle in front . . . . . each | 1 | 7 | 6 |

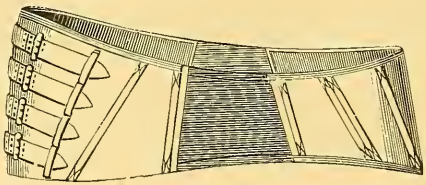

Fig. 1535.

*Measurements required.*—For a Gentlemen's Belt circumference at K.

| | | | |
|---|---|---|---|
| Riding (*Fig.* 1535), doe fitted . . . . each | 0 | 7 | 0 |

*Any of the above fitted with pads for Umbilical Hernia, from 3s. each extra.*

| Hydropathic Compresses,— | | | |
|---|---|---|---|
| Abdomen . . . . . each | 0 | 3 | 6 |
| Throat . . . . . per doz. | 0 | 11 | 0 |

**Prolapse of the Rectum** (*see* Trusses).

**Prolapse of Uterus** (*see* Trusses).

| Stays, Ladies',— | | | |
|---|---|---|---|
| Down Bros'. pattern, in white, grey, or pink. . each | 2 | 12 | 6 |
| Ditto, ditto, with side laces for expansion in pregnancy . . . . . „ | 2 | 17 | 6 |

**Umbilical Belts,—**

*Measurement required.*—Circumference at Umbilicus.

| | | | |
|---|---|---|---|
| Adults, 5-in. elastic, to lace, with air pads . . each | 0 | 8 | 6 |

## Abdominal Belts, Binders, etc., *continued.*

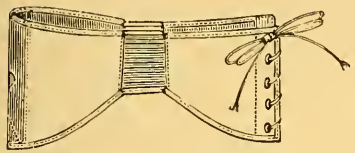

FIG. 1536.

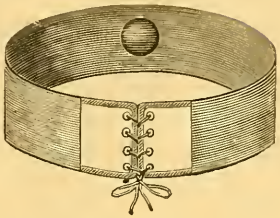

FIG. 1537.

| **Umbilical Belts,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Children's (*Fig.* 1536), jean back and front and elastic sides . . . . . per doz. | 2 | 2 | 0 |
| Ditto, ditto, ditto, improved air pads . . each | 0 | 5 | 6 |
| Elastic web, to lace (*Fig.* 1537) . . . per doz. | 1 | 2 | 0 |
| India-rubber, to draw on, common . . ,, | 0 | 11 | 6 |

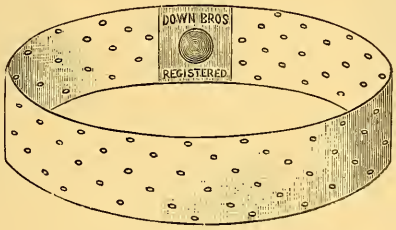


FIG. 1538.

Ditto, Down Bros.' improved, registered (*Fig.* 1538), made in 2 widths, 2½-in. and 3-in. . per doz. 1 10 0

*This Band is made entirely of india-rubber, and is therefore "washable," and perforated, so as not to confine the perspiration. The Pad is flat and not convex, and softly padded with Mocmain and air.*

(*See also Ladies' and Gents'* BELTS *and* TRUSSES, UMBILICAL.)

## ELASTIC STOCKINGS, etc.

*Prices quoted refer to stock sizes, Nos. 1 to 8. If made to special measurements, charged extra.*

*In all cases exact measurements of the limb should be sent, and allowance will be made for expansion.*

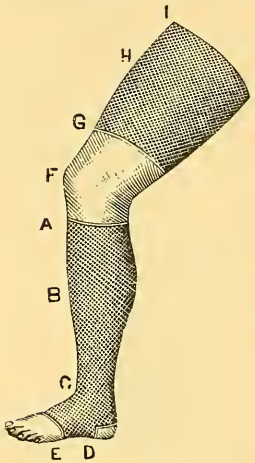

Fig. 1539.

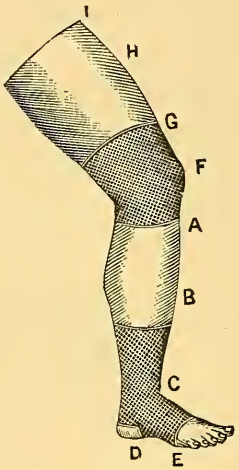

Fig. 1540.

Directions for Measurements.

| | |
|---|---|
| For a Stocking . . | Circumferences at A, B, C, D, and E. Length, A to D. |
| For a Legging . . | Circumferences at A, B, and C. Length, A to C. |
| For a Kneecap . . | Circumferences at A, F, and G. Length, A to G. |
| For a Sock . . | Circumferences at C, D, and E. Length, C to D. |
| For a Thighpiece . | Circumferences at I, H, and G. Length, I to G. |

For appliances extending above the knee it is necessary to give the measurement from sole of foot to centre knee (F), and from F upwards as far as the fabric is to reach.

**Elastic Stockings, etc., to lace** (these are only made to special order).

| | | Silk. | Cotton. | Web and Jean. |
|---|---|---|---|---|
| Anklets . . . | per pair | 11/– | 8/– | 15/– |
| Kneecaps . . . | ,, | 12/– | 9/– | 15/– |
| Leggings . . . | ,, | 14/– | 10/– | — |
| Stockings . . . | ,, | 18/– | 12/– | 25/– |
| Ditto, Knee . . | ,, | 28/– | 18/– | — |
| Ditto, Thigh . . | ,, | 38/– | 25/– | — |

*Directions for measurement as above, and state whether for right or left leg.*

## Elastic Stockings, etc., *continued.*

### Elastic Stockings to draw on,—

| | | Silk. | Stout Silk, to give additional support. | Super Silk, for light pressure and summer wear. | Cotton. |
|---|---|---|---|---|---|
| Anklets . | per pair | 5/6 | 7/6 | 11/6 | 3/10 |
| Armlets . | ,, | 7/– | 8/6 | 12/6 | 4/– |
| Kneecaps . | ,, | 6/6 | 8/– | 12/6 | 4/– |
| Leggings . | ,, | 7/6 | 9/– | 13/6 | 4/6 |
| Do. Knee . | ,, | 14/– | 16/6 | 25/6 | 8/6 |
| Do. Thigh . | ,, | 21/6 | 27/6 | 37/– | 12/6 |
| Stockings . | ,, | 10/– | 11/6 | 18/6 | 6/– |
| Do. Knee . | ,, | 16/6 | 19/6 | 30/– | 10/– |
| Do. Thigh . | ,, | 23/– | 28/– | 42/– | 14/– |
| Thighpieces . | ,, | 7/– | 10/– | 12/6 | 4/6 |
| Wristlets . | ,, | 2/3 | — | — | 1/8 |
| Do. coloured | ,, | 2/8 | — | — | — |
| Mittens, ,, | ,, | 7/– | — | — | — |

**Leather Kneecaps** (*see page* 452).
**Wire Elastic Anklets and Kneecaps** (*see pages* 450 *and* 452).

## SUSPENDERS.

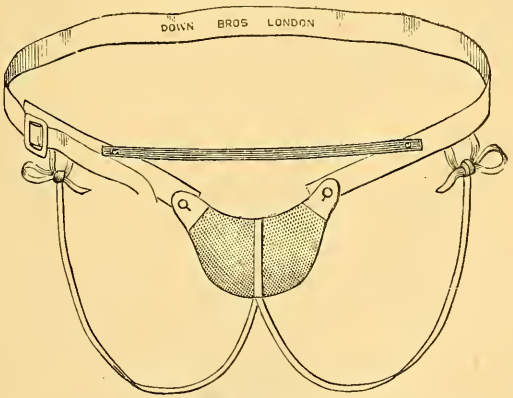


FIG. 1541.

| | £ | s. | d. |
|---|---|---|---|
| **No. 1.**—Cock's, with jean bands, under-straps, and elastic cross-straps (*Fig.* 1541), cotton-net bags, per doz. | 1 | 7 | 0 |

**Suspenders,** *continued.* £ s. d.

No. 2.—Cock's, with jean bands, under-straps, and elastic cross-straps, silk-net bags . . . . per doz. 2 2 0

*These Suspenders* (Fig. 1541), *made at the suggestion of Mr. E. Cock, give equal support in any position of the body, and without constricting the back of scrotum.*

No. 3.—"Desideratum" . . . . . per doz. 2 5 0
No. 4.—Jean bags, jean bands and under-straps „ 0 18 0
Ditto, ditto, extra large bags . . . . „ 1 1 0

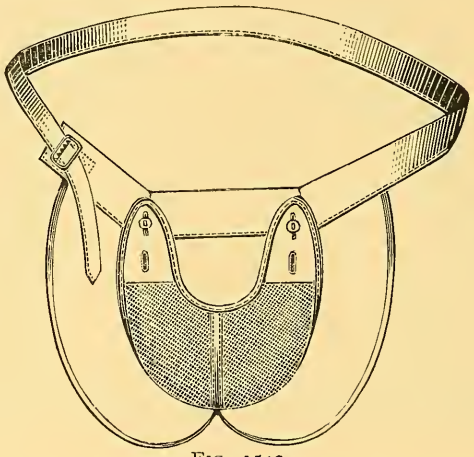

Fig. 1542.

No. 5.—Cotton-net bags, jean bands and under-straps (*Fig.* 1542) . . . . . per doz. 0 16 6
Ditto, ditto, extra large bags . . . . „ 0 18 6
No. 6.—Silk-net bags, ditto (*Fig.* 1542) . . . „ 1 1 0
Ditto, ditto, extra large bags . . . . „ 1 3 0

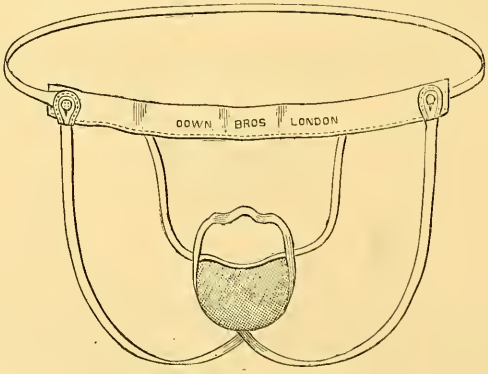


Fig. 1543.

**Suspenders,** *continued.* £ s. d.

**No. 7.**—Silk-net bags, with bands and under-straps of silk elastic for riding (*Fig.* 1543) . . per doz. 1 16 0
**No. 8.**—Jean bags, lined with oiled silk for gonorrhœa per doz. 0 9 0
**No. 9.**—Ditto, lined waterproof, ditto . . „ 0 8 0

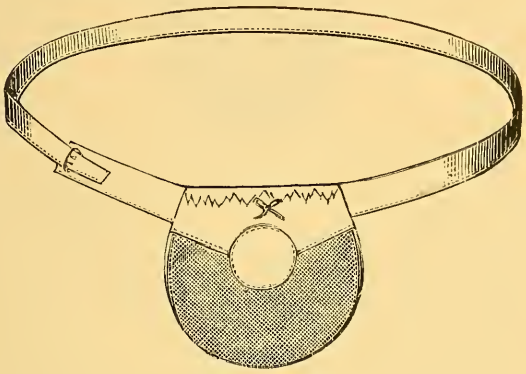

Fig. 1544.

**No. 10.**—Cotton bags, and tapes to contract the bags, jean bands (*Fig.* 1544) . . . per doz. 0 12 0
**No. 11.**—Silk bags, ditto, ditto (*Fig.* 1544) . „ 0 17 0

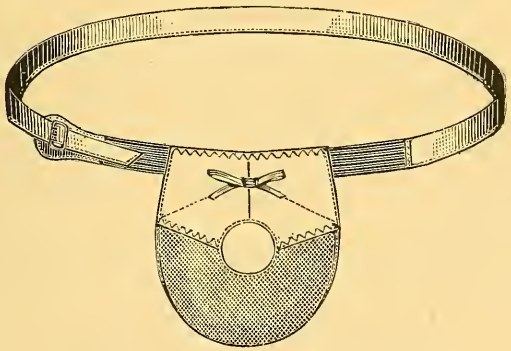

Fig. 1545.

**No. 12.**—Silk bags, tapes to contract the bags, and elastic insertion in bands (*Fig.* 1545) . . per doz. 1 2 6
Ditto, ditto, ditto, extra large bags . . „ 1 5 0
**No. 13.**—Cotton bags, ditto, ditto (*Fig.* 1545) „ 0 18 0
Ditto, ditto, ditto, extra large bags . . „ 1 0 0
**No. 14.**—Cotton bags, tapes to contract the bags and elastic bands . . per doz. 0 18 0

**Suspenders,** *continued.*

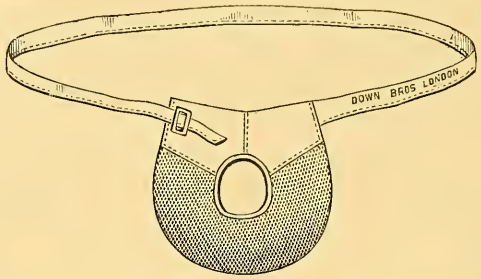


Fig. 1546.

| | £ | s. | d. |
|---|---|---|---|
| **No. 15.**—Silk bags, tapes to contract the bags, and elastic bands . . . . . per doz. | 1 | 3 | 0 |
| **No. 16.**—Cotton bags and jean bands (*Fig.* 1546) ,, | 0 | 9 | 0 |
| Stout leather bags, lined with chamois and padded straps, for irreducible hernia (*see page* 480). | | | |
| **Morgan's Suspenders,** for Varicocele . . each | 0 | 5 | 6 |
| **Orchitis Bags,** India-rubber, to lace . . . ,, | 0 | 2 | 6 |
| **Varicocele Rings** . . . . . per doz. | 0 | 8 | 0 |

## TRUSSES.

*Measurement required.*—Circumference 2 inches below crest of ilium, tape passing over the seat of hernia and meeting at os pubis. State whether right or left, and some description of size of hernia.

*Trusses and similar appliances are not sent out on approval, but in difficult cases, in the event of their not fitting, particulars should be given of required alterations, which will be carefully carried out at least possible cost.*

*All cases sent for fitting receive careful attention, and charge made according to circumstances.*

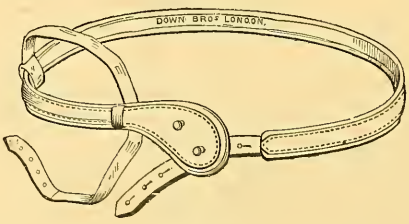


Fig. 1547.

**Trusses,** *continued.*

| For Inguinal Hernia,— | | | £ | s. | d. |
|---|---|---|---|---|---|
| Single: | | | | | |
| Ordinary quality "Circular" | (*Fig.* 1547) | per doz. | 1 | 4 | 0 |
| Medium ditto, calf and white doe | ,, | each | 0 | 5 | 6 |
| Best ditto, red morocco and white kid | ,, | ,, | 0 | 10 | 6 |
| Elastic gum ditto, for bathing | ,, | ,, | 0 | 7 | 6 |
| India-rubber covered ditto, for children | ,, | ,, | 0 | 4 | 6 |
| Water-pad ditto, with extra light elastic springs (*Fig.* 1547) | | each | 0 | 14 | 6 |
| Ditto, ditto, and slide head | | ,, | 0 | 16 | 6 |

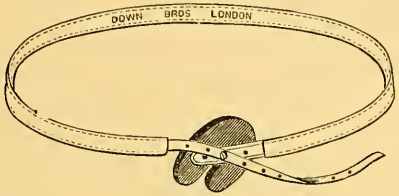


Fig. 1548.

| | | | | | |
|---|---|---|---|---|---|
| Wood's ditto, with horse-shoe pad (*Fig.* 1548) | | each | 0 | 8 | 6 |
| Ditto, ditto, with vulcanite ditto | ,, | ,, | 0 | 12 | 6 |
| Ditto, ditto, with water ditto | ,, | ,, | 0 | 17 | 6 |

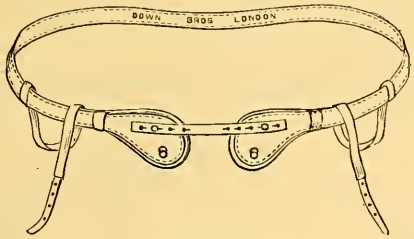


Fig. 1549.

| Double: | | | | | |
|---|---|---|---|---|---|
| Ordinary quality "Circular" | (*Fig.* 1549) | per doz. | 1 | 19 | 0 |
| Medium ditto, calf and white doe | ,, | each | 0 | 9 | 6 |
| Best ditto, red morocco and white kid | ,, | ,, | 0 | 16 | 6 |
| Elastic gum covered ditto, for bathing | ,, | ,, | 0 | 12 | 0 |
| India-rubber covered ditto, for children | ,, | ,, | 0 | 6 | 0 |
| Water-pad ditto, with extra light elastic springs (*Fig.* 1549) | | each | 1 | 2 | 0 |
| Ditto, ditto, with slide heads | | ,, | 1 | 6 | 0 |
| Wood's ditto, with horse-shoe pads | | ,, | 0 | 14 | 0 |
| Ditto, ditto, with vulcanite ditto | | ,, | 1 | 1 | 0 |
| Ditto, ditto, with water ditto | | ,, | 1 | 4 | 0 |

**Trusses,** *continued.*

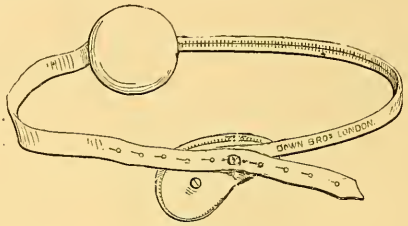


Fig. 1550.

**For Inguinal Hernia,** *continued*,— £ s. d.

Coles' (expired patent),—

Single (*Fig.* 1550) . . . . . each 0 7 6
Ditto, "Desideratum" adjustable heads . „ 0 12 6
Double . . . . . „ 0 14 0

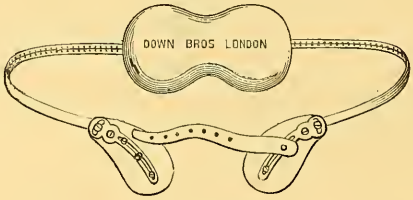


Fig. 1551.

Ditto, "Desideratum" adjustable heads (*Fig.* 1551)
each 1 5 0

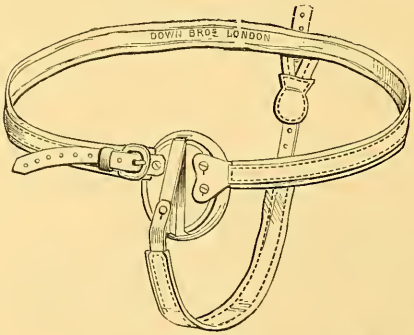


Fig. 1552.

MocMain, expired patent (*Fig.* 1552),—

Single . . . . . each 0 9 0
Double . . . . . „ 0 13 6

**Trusses,** *continued.*

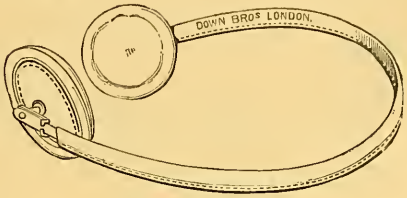


FIG. 1553.

| **For Inguinal Hernia,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| SALMON AND ODY'S, expired patent (*Fig.* 1553),— | | | |
| Single, common quality . . . . per doz. | 1 | 16 | 0 |
| Ditto, medium covered calf . . . . each | 0 | 6 | 6 |
| Ditto, best red morocco and white kid . . ,, | 0 | 15 | 6 |
| Double, common quality . . . . per doz. | 3 | 12 | 0 |
| Ditto, medium ditto, covered calf. . . each | 0 | 12 | 6 |
| Ditto, best ditto, covered red morocco and white kid . . . . . each | 1 | 7 | 6 |

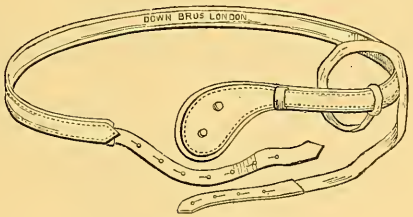


FIG. 1554.

**For Femoral Hernia** (*Fig.* 1554).

| SINGLE: | | | |
|---|---|---|---|
| Ordinary quality . . . . . per doz. | 1 | 7 | 0 |
| Medium ditto, covered calf and white doe . . each | 0 | 6 | 0 |
| Best ditto, red morocco and white kid . . . ,, | 0 | 11 | 6 |
| Water-pad, with light elastic springs . . . ,, | 0 | 15 | 0 |
| Ditto, ditto, and slide head . . . . ,, | 0 | 17 | 6 |
| DOUBLE: | | | |
| Ordinary quality . . . . . per doz. | 2 | 5 | 0 |
| Medium ditto, covered calf and white doe . . each | 0 | 10 | 0 |
| Best ditto, red morocco and white kid . . . ,, | 0 | 17 | 6 |
| Water-pad, with light elastic springs . . . ,, | 1 | 2 | 6 |
| Ditto, ditto, and slide head . . . . ,, | 1 | 7 | 6 |

| **For Irreducible Hernia,**— | | | |
|---|---|---|---|
| Single, with hollow pad . . . each, from | 0 | 10 | 6 |
| Best ditto . . . . . ,, ,, | 1 | 1 | 0 |

**Trusses,** *continued.*

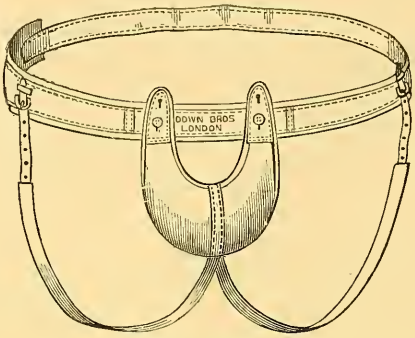


FIG. 1555.

| **For Irreducible Hernia,** *continued,*— | £ | s. | d. |
|---|---|---|---|
| Stout Leather Bags, lined with chamois and padded band (*Fig.* 1555) . . . . . each | 0 | 15 | 6 |

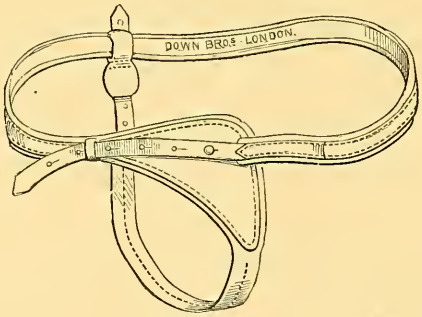


FIG. 1556.

**For Scrotal Hernia** (*Fig.* 1556).

SINGLE:

| | | | |
|---|---|---|---|
| Ordinary quality . . . . . each | 0 | 4 | 6 |
| Medium ditto, calf and white doe . . . ,, | 0 | 8 | 6 |
| Best ditto, red morocco and white kid . . . ,, | 0 | 13 | 6 |
| Covered in india-rubber, for children . . . ,, | 0 | 5 | 6 |

DOUBLE:

| | | | |
|---|---|---|---|
| Ordinary quality . . . . . each | 0 | 7 | 6 |
| Medium ditto, calf and white doe . . . ,, | 0 | 15 | 0 |
| Best ditto, red morocco and white kid . . . ,, | 1 | 5 | 0 |
| Covered in india-rubber, for children . . . ,, | 0 | 7 | 6 |

**Trusses,** *continued.*

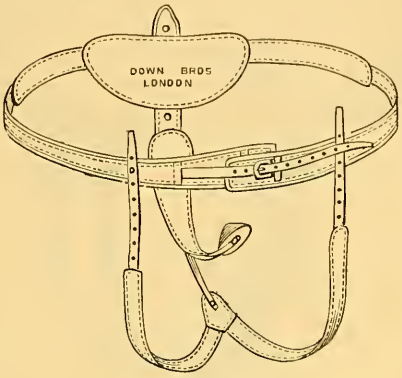


FIG. 1557.

| | £ | s. | d. |
|---|---|---|---|
| **Prolapsus Ani Trusses** (*Fig.* 1557) . . . each | 1 | 3 | 0 |

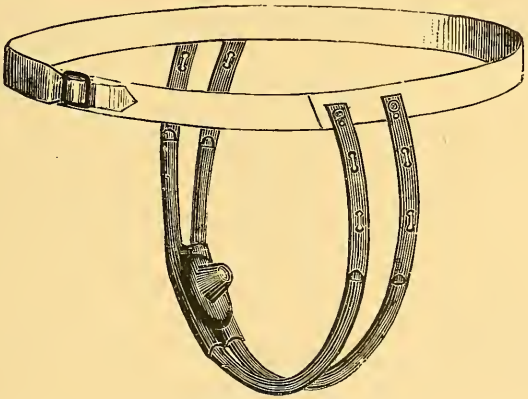

FIG. 1558.

| | | | |
|---|---|---|---|
| Ditto, India-rubber pad and under-straps, jean band, (*Fig.* 1558) . . . . . each | 0 | 5 | 6 |

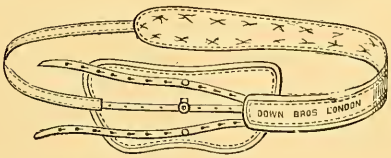


FIG. 1559.

| | | | |
|---|---|---|---|
| **Prolapsus Uteri Trusses,** Hull's (*Fig.* 1559) . each | 1 | 2 | 0 |

**Trusses,** *continued.*

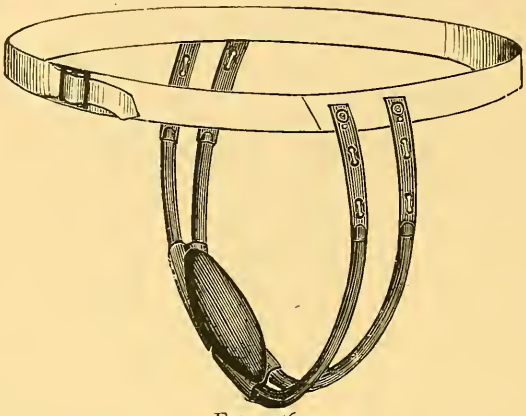

Fig. 1560.

| **Prolapsus Uteri Trusses,** *continued,*— | £ | *s.* | *d.* |
|---|---|---|---|
| Ditto, India-rubber pad and under-straps, jean band (*Fig.* 1560) . . . . . each | 0 | 5 | 6 |

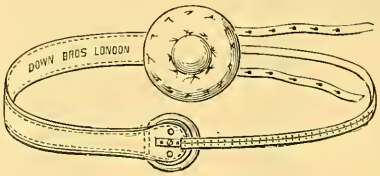


Fig. 1561.

| **Umbilical Trusses** (*Fig.* 1561),— | | | |
|---|---|---|---|
| Ordinary quality . . . . . each | 0 | 10 | 6 |
| Medium ditto, calf and white doe . . . „ | 0 | 13 | 6 |
| Best ditto, red morocco and white kid . . . „ | 1 | 1 | 0 |

(*See also* Abdominal Belts.)

## INDIA-RUBBER URINALS.

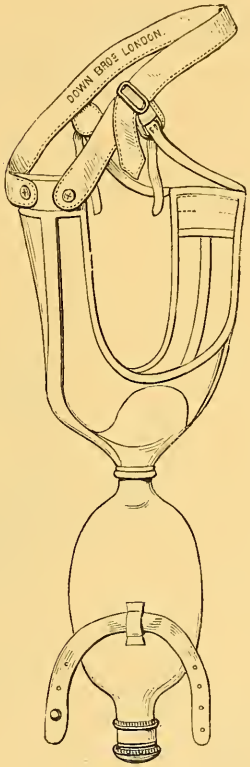


Fig. 1562.

| | | £ | s. | d. |
|---|---|---|---|---|
| **Colotomy** . . . . . | each | 1 | 1 | 0 |
| **For Extroversion of Bladder** . . . | „ | 0 | 18 | 6 |
| **For Fæces and Urine**, Male or Female (*Fig* 1562) | each | 0 | 19 | 0 |
| **For Perineal Fistula** . . . . . | „ | 1 | 1 | 0 |

## India-rubber Urinals, *continued.*

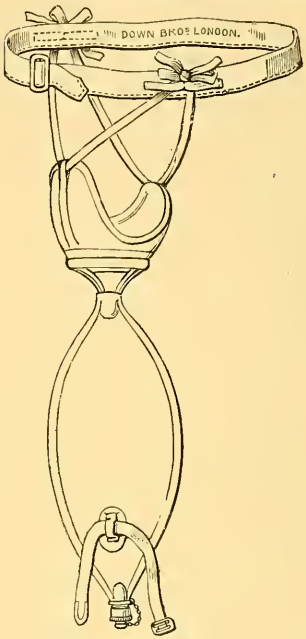


Fig. 1563.

| Female,— | £ | s. | d. |
|---|---|---|---|
| Day use (*Fig.* 1563), each | 0 | 12 | 0 |
| Ditto, with large tops each | 0 | 12 | 0 |

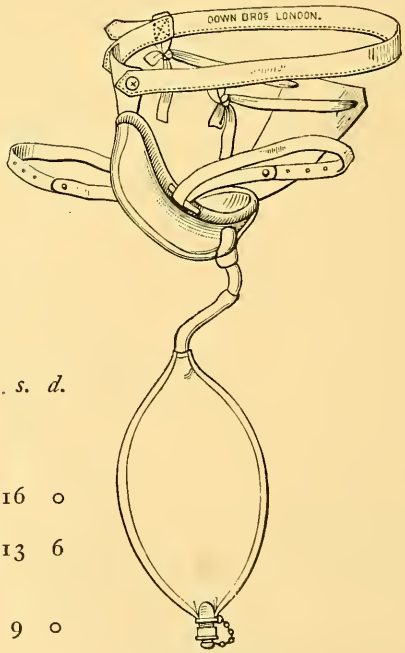


Fig. 1564.

| Female,— | s. | d. |
|---|---|---|
| Day or Bed use, with improved top, close fitting, edges protected with soft air-pad (*Fig.* 1564). each | 16 | 0 |
| Ditto, French pattern each | 13 | 6 |
| Bed use, with long tube to hang outside the bedclothes . . . each | 9 | 0 |

## India-rubber Urinals, *continued.*

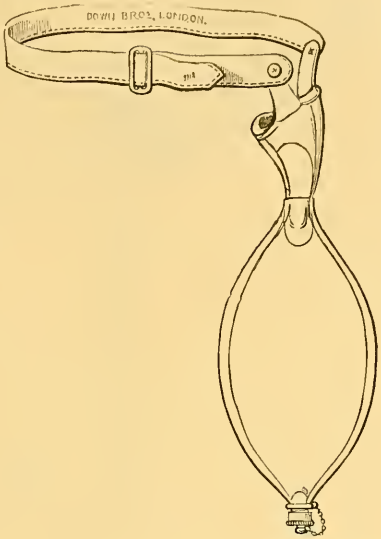


FIG. 1565.

| Male,— | £ | s. | d. |
|---|---|---|---|
| Day use (*Fig.* 1565) each | 0 | 9 | 0 |

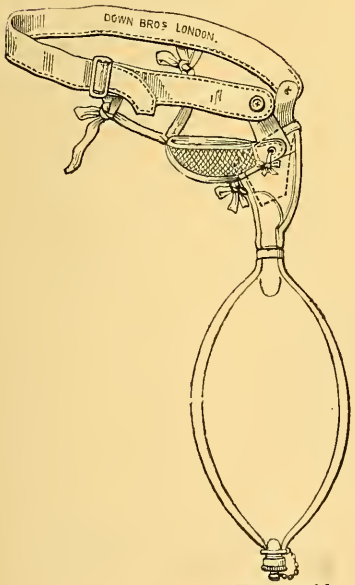


FIG. 1566

| Male,— | £ | s. | d. |
|---|---|---|---|
| Day and Bed use (*Fig* 1566) each | 0 | 12 | 0 |

## India-rubber Urinals, *continued.*

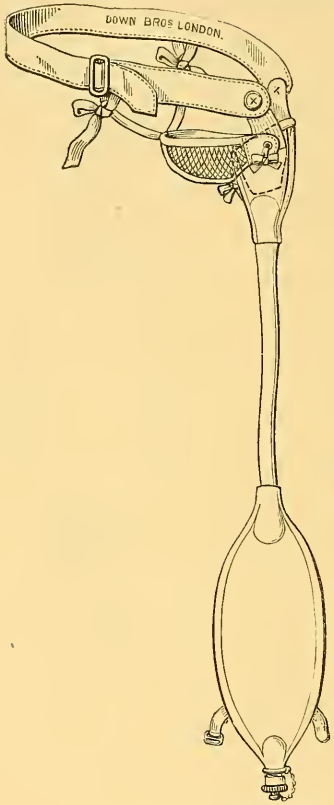


FIG. 1567.

| Male, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Day and Bed use (*Fig.* 1567), each | 0 | 12 | 0 |

| Male,— | s. | d. |
|---|---|---|
| Day and Bed use, with double bag (*Fig.* 1568) each | 13 | 6 |
| Bed use, with long tube to hang outside the bed-clothes . each | 7 | 6 |

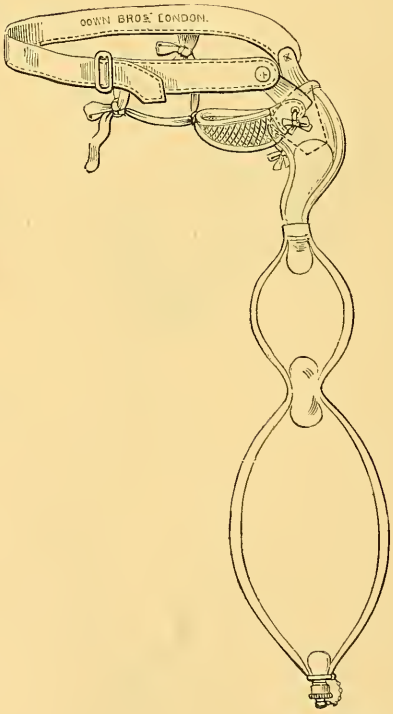


FIG 1568.

**India-rubber Urinals,** *continued.*

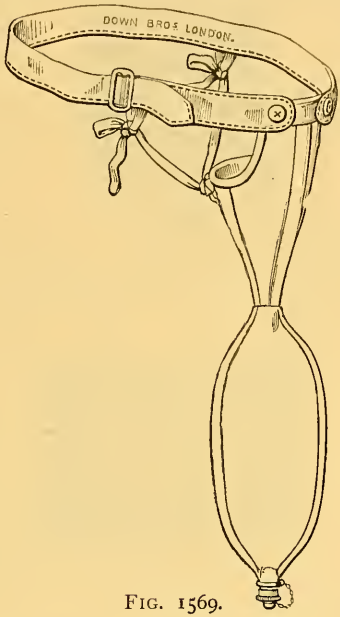


Fig. 1569.

**Male,** *continued*,— £ s. d.

To contain the Scrotum (*Fig.* 1569) . . . each 0 12 0

**Earthenware, Glass, Gutta-percha, India-rubber and Pewter,** for bed use (*see pages* 515, 516).

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## AIR AND WATER CUSHIONS, BED SHEETS, Etc.

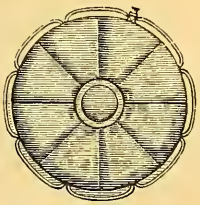


Fig. 1570.

**Air Cushions, Circular, Reeded** (*Fig.* 1570), with central depression (which can be cut out if desired),—

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 in. |
|---|---|---|---|---|---|---|---|
| Each | 9/– | 10/– | 10/9 | 11/6 | 12/6 | 13/6 | 14/9 |

## Air and Water Cushions, Bed Sheets, etc., *continued.*

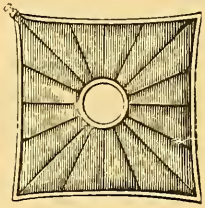


Fig. 1571.

**Air Cushions, Reeded** (*Fig.* 1571), with central depression (which can be cut out if desired),—

| | 16 × 12 | 16 × 14 | 16 × 16 | 18 × 15 in. |
|---|---|---|---|---|
| Each | 8/3 | 9/- | 10/- | 10/- |

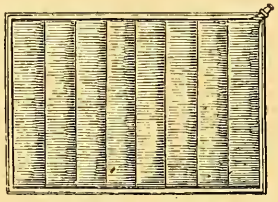


Fig. 1572.

**Air Cushions, Reeded** (*Fig.* 1572),—

| | 16 × 12 | 16 × 14 | 16 × 16 | 18 × 15 | 18 × 18 in. |
|---|---|---|---|---|---|
| Each | 7/- | 8/3 | 9/3 | 9/3 | 11/9 |

| | 18 × 22 | 18 × 26 in. |
|---|---|---|
| Each | 12/6 | 14/6 |

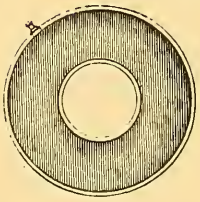


Fig. 1573.

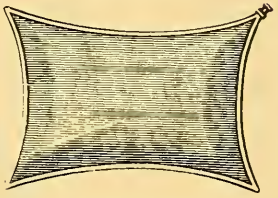


Fig. 1574.

**Air Pillows, Circular** (*Fig.* 1573), with central depression (which can be cut out if desired),—

| | 15 | 16 | 17 | 18 | 19 in. |
|---|---|---|---|---|---|
| Each | 6/3 | 6/6 | 7/3 | 8/3 | 9/9 |

**Air Pillows** (*Fig.* 1574),—

| | 18 × 13 | 18 × 15 | 18 × 18 | 22 × 18 | 24 × 18 in. |
|---|---|---|---|---|---|
| Each | 7/- | 7/9 | 9/- | 10/- | 10/9 |

| | 26 × 18 | 30 × 18 in. |
|---|---|---|
| Each | 11/9 | 12/6 |

## Air and Water Cushions, Bed Sheets, etc., *continued.*

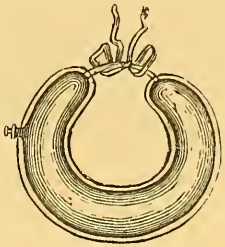


Fig. 1575.

**Neck Air Pillows** (*Fig.* 1575),—

| | 23 × 16 | 25 × 16 | 25 × 18 in. |
|---|---|---|---|
| Each | 10/– | 11/6 | 12/6 |

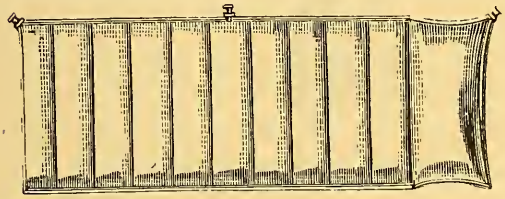


Fig. 1576.

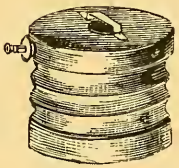


Fig. 1577.

**Swimming Belts,**—

| | 36 × 6 | 40 × 6 | 40 × 8 in. |
|---|---|---|---|
| Each | 9/9 | 10/9 | 12/6 |

**Air Beds with raised Pillows** (*Fig.* 1576),—

| | 54 × 40 | 72 × 36 | 84 × 30 | 88 × 39 | 88 × 48 in. |
|---|---|---|---|---|---|
| Each | 50/6 | 59/- | 57/6 | 75/- | 90/- |

Bellows, for inflating ditto (*Fig.* 1577), each, 7/6.

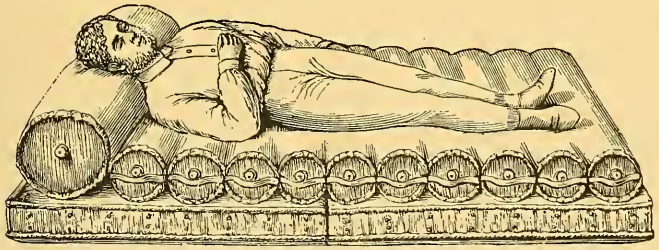


Fig. 1578.

| **Mattresses, Millar's Tubular, Patent** (*Fig.* 1578), | £ | *s.* | *d.* |
|---|---|---|---|
| For air, with 10 Tubes of 5-in. diam. . . . each | 6 | 12 | 0 |
| Bellows for ditto . . . . . „ | 0 | 6 | 6 |

## Air and Water Cushions, Bed Sheets, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Mattresses, Millar's Tubular, Patent,** *continued*,— | | | |
| Extra Tubes for ditto . . . . . each | 0 | 12 | 0 |
| Funnel Sheets for ditto . . . . . ,, | 0 | 12 | 6 |
| For water, with 10 Tubes of 5-in. diam. . . ,, | 7 | 4 | 0 |
| Extra Tubes for ditto . . . . . ,, | 0 | 14 | 6 |
| With double valves for air and water, with 10 Tubes of 5-in. diam. . . . . each | 9 | 0 | 0 |
| Extra Tubes for ditto . . . . . ,, | 0 | 16 | 0 |
| Head Pillows . . . . . ,, | 1 | 0 | 6 |

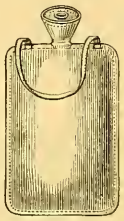


Fig. 1579.

**Water Bottles,** for the feet and stomach, etc. (*Fig.* 1579), plain,—

| | 8×6 | 10×7 | 10×8 | 12×6 | 12×8 | 12×10 | 14×8 in. |
|---|---|---|---|---|---|---|---|
| Each | 3/– | 3/9 | 4/6 | 3/9 | 5/3 | 6/– | 5/9 |

| | 14×10 | 14×12 | 16×10 | 16×12 in. |
|---|---|---|---|---|
| Each | 6/9 | 8/– | 7/6 | 8/9 |

**Water Bottles, Covered** (*Fig.* 1579),—

| | 8×6 | 10×8 | 12×6 | 12×8 | 12×10 | 14×8 | 14×10 in. |
|---|---|---|---|---|---|---|---|
| Each | 4/6 | 6/3 | 5/6 | 7/3 | 8/3 | 8/– | 9/6 |

| | 16×10 | 16×12 in. |
|---|---|---|
| Each | 10/6 | 12/3 |

**Water Pillows, Circular,**—

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 in. |
|---|---|---|---|---|---|---|---|---|
| Each | 7/9 | 8/9 | 10/– | 11/– | 12/– | 13/– | 14/– | 15/– |

**Water-Pillows, Horse-shoe Shape,** for sloughing of the sacrum,—

| | 16×23 | 16×25 | 18×23 | 18×25 in. |
|---|---|---|---|---|
| Each | 10/6 | 11/3 | 11/3 | 12/– |

**Water Pillows,**—

| | 18×15 | 18×18 | 20×18 | 22×18 | 24×18 in. |
|---|---|---|---|---|---|
| Each | 13/– | 14/9 | 16/– | 17/3 | 18/9 |

| | 26×18 | 28×18 in. |
|---|---|---|
| Each | 20/6 | 22/– |

## Air and Water Cushions, Bed Sheets, etc., *continued.*

**Water Beds,—**

| | 24 × 36 | 48 × 36 | 72 × 36 in. |
|---|---|---|---|
| Each | 50/– | 100/– | 135/– |

**Water Beds, with Funnel through centre,—**

Each 72 × 36 in., £7 15*s.*

**Bed Sheets,** with eyelet holes for tying down to the bedstead,—

| | 36 × 36 | 48 × 48 | 72 × 36 | 72 × 72 in. |
|---|---|---|---|---|
| Each | 5/9 | 9/9 | 10/9 | 18/– |

| | £ | *s.* | *d.* |
|---|---|---|---|
| Ditto, with Funnel through centre, 48 × 48 . . each | 1 | 4 | 0 |

**Waterproof Sheeting,—**

| | | | £ | *s.* | *d.* |
|---|---|---|---|---|---|
| No. 1. | Jaconet, 42-inch . . . . | per yard | 0 | 2 | 3 |
| „ 1A. | Ditto, pink, ditto . . . . | „ | 0 | 2 | 4 |
| „ 2. | 36-inch "Hospital" . . . | „ | 0 | 2 | 3 |
| „ 3. | 36-inch Stout Hospital . . . | „ | 0 | 2 | 8 |
| „ 4. | 36-inch Stout Wigan (as used at St. Thomas's Hospital) . . . . . | per yard | 0 | 3 | 8 |
| „ 5. | 54-inch Stout Hospital . . . | „ | 0 | 4 | 0 |
| „ 6. | 63-inch Stout Wigan . . . | „ | 0 | 4 | 3 |
| „ 7. | 36-inch proofed on both sides . . | „ | 0 | 2 | 8 |
| „ 8. | 42-inch ditto . . . . . | „ | 0 | 3 | 0 |
| „ 9. | 36-inch Stout ditto . . . . | „ | 0 | 3 | 8 |
| „ 10. | 36-inch Very Stout ditto . . . | „ | 0 | 4 | 9 |

*Special quotations for large quantities.*

## ICE BAGS AND APPARATUS FOR LOCAL APPLICATION OF HEAT AND COLD.

Fig. 1580.

Fig. 1581.

| | £ | s. | d. |
|---|---|---|---|
| **Ice and Hot Water Bags,—** | | | |
| With Boxwood Caps (*Fig.* 1580), 2 sizes, each, 4*s.* 6*d.* and | 0 | 5 | 0 |
| Ditto, Down Bros.' improved, with loops for suspension, and necks strengthened with canvas lining (*Fig.* 1581), 2 sizes . . each, 5*s.* 3*d.* and | 0 | 6 | 0 |

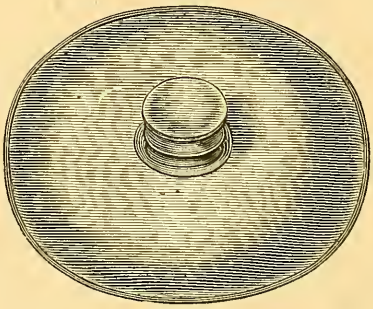


Fig. 1582.

| | | | |
|---|---|---|---|
| Circular, for the head, etc. (*Fig.* 1582), 3 sizes, each, 4*s.* 6*d.*, 5*s.* and | 0 | 5 | 3 |

## Ice Bags and Apparatus, *continued.*

Fig. 1583.

| Ice and Hot Water Bags, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Curved, for the Throat, etc. (*Fig.* 1583) . . each | 0 | 3 | 6 |
| Eye, single, each, *2s.*; double . . . . . | 0 | 4 | 0 |

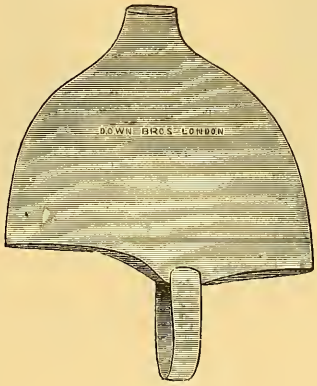



Fig. 1584.

| | | | |
|---|---|---|---|
| Helmet shape (*Fig.* 1584) . . . . . each | 0 | 6 | 0 |

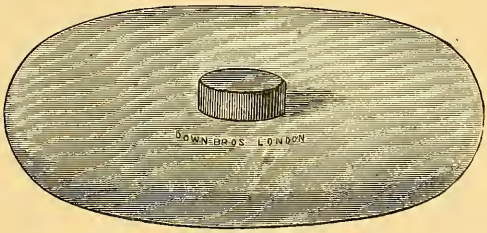



Fig. 1585.

| | | | |
|---|---|---|---|
| Oval, Abdomen, etc. (*Fig.* 1585) . . . . each | 0 | 7 | 6 |

Spinal, Chapman's expired patent (*Fig.* 1586),—

| | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 in. |
|---|---|---|---|---|---|---|---|---|
| Each | 7/2 | 7/6 | 8/3 | 9/– | 9/9 | 10/6 | 11/3 | 12/– |

| | 24 | 26 in. |
|---|---|---|
| Each | 12/9 | 13/6 |

## Ice Bags and Apparatus, *continued.*

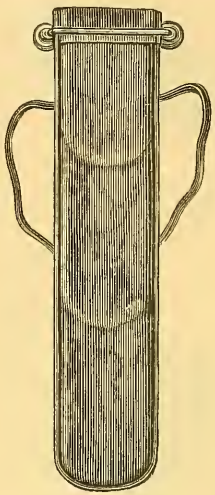


Fig. 1586.

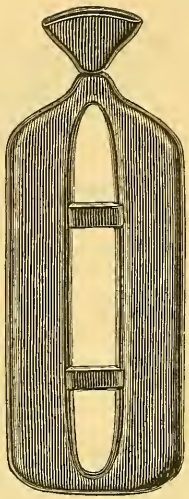


Fig. 1587.

**Ice and Hot Water Bags,—** £ s. d.

Spinal, Lumbar region, Chapman's expired patent, each 0 9 0

Spinal, for hot water, Chapman's ditto (*Fig.* 1587),—

| | 6 | 8 | 10 | 12 | 14 in. |
|---|---|---|---|---|---|
| Each | 4/6 | 5/– | 6/– | 7/2 | 8/3 |

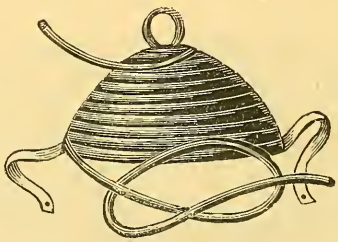


Fig. 1588.

Spiral, for applying continuous stream of iced water to the head (*Fig.* 1588) . . . . . each 1 5 0

**Leiter's Temperature Regulators,—**

Circular,—

| | $2\frac{1}{2}$ | $3\frac{1}{2}$ | 5 | 6 | 7 | 9 in. diam. |
|---|---|---|---|---|---|---|
| Each | 7/– | 7/6 | 8/6 | 9/6 | 10/6 | 12/6 |

**Ice Bags and Apparatus,** *continued.*

**Leiter's Temperature Regulators,** *continued*,—

Circular Caps, for the head,—

| | 16 | 17 | 18 | 19 | 20 | 21 | 22 in. circf. |
|---|---|---|---|---|---|---|---|
| Each | 10/6 | 11/– | 11/6 | 12/– | 12/6 | 13/– | 13/6 |

| | 23 | 24 in. circf. |
|---|---|---|
| Each | 14/6 | 15/6 |

Long and Narrow, for neck, along the spine, around joints, etc.,—

| | 6 × 3 | 8 × 3 | 10 × 2 | 10 × 3 | 12 × 3 | 12 × 4 in. |
|---|---|---|---|---|---|---|
| Each | 7/6 | 8/6 | 9/6 | 11/– | 12/– | 13/– |

| | 14 × 5 | 20 × 6 in. |
|---|---|---|
| Each | 15/– | 22/6 |

Square, for chest, abdomen, and joints,—

| | 7 × 5½ | 8 × 6 | 10 × 7 | 20 × 12 | 24 × 15 | 32 × 20 in. |
|---|---|---|---|---|---|---|
| Each | 10/– | 11/6 | 13/– | 27/6 | 42/– | 65/– |

## ANTISEPTIC SPRAYS.

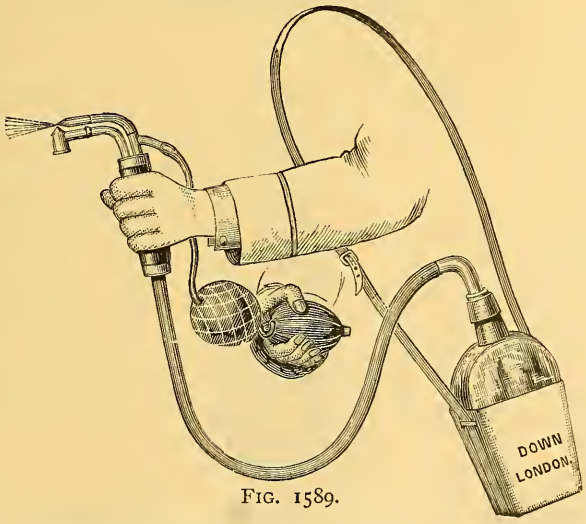



Fig. 1589.

**Golding-Bird's** Hand Spray (*Fig.* 1589) . . each 1 17 6

**Antiseptic Sprays,** *continued.* £ s. d

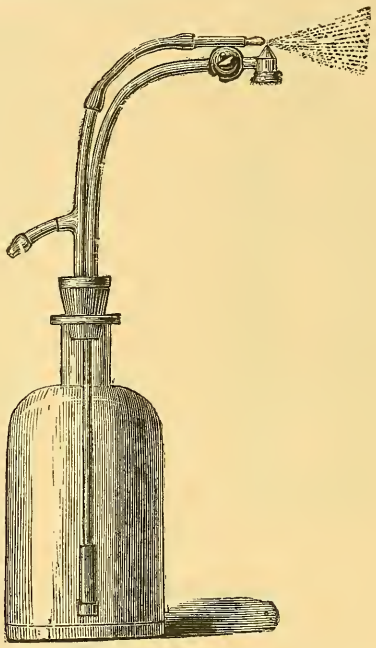


FIG. 1590.

**Lister's,** ditto (*Fig.* 1590) . . . . . each 0 18 6

FIG. 1591.

**Self-cleansing,** for carbolizing sick rooms, etc. (*Fig.* 1591) . . . . . each 0 6 0

## Antiseptic Sprays, *continued.*

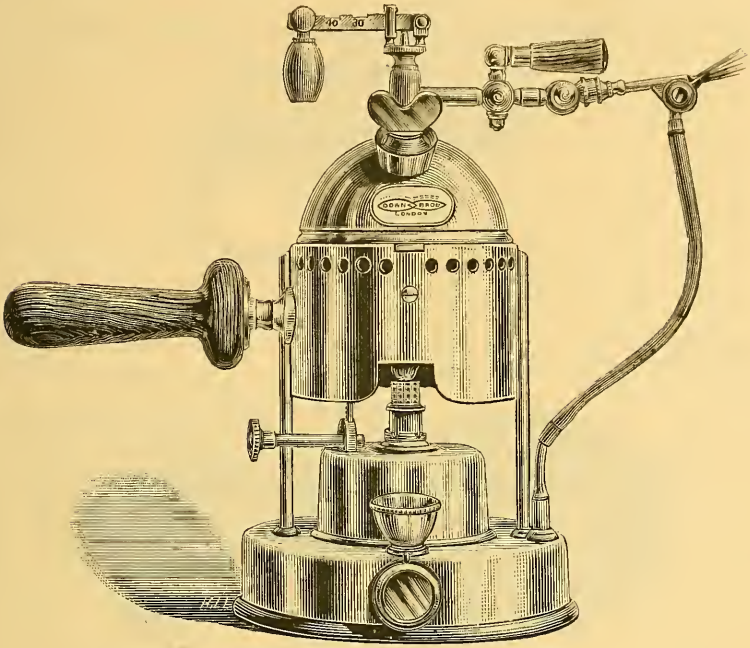


Fig. 1592.

| Steam Sprays (*Fig.* 1592),— | £ | s. | d. |
|---|---|---|---|
| For dressing, No. 1, with glass bottle . . . each | 2 | 15 | 0 |
| Ditto, with hollow metal base instead of bottle to hold the carbolic . . . . . „ | 3 | 7 | 6 |
| Operating, No. 2, with glass bottle . . . . „ | 3 | 13 | 6 |
| Ditto, with hollow metal base . . . . . „ | 4 | 4 | 0 |
| Ditto, No. 3, with glass bottle . . . . . „ | 5 | 0 | 0 |
| Ditto, with hollow metal base . . . . . „ | 5 | 15 | 0 |
| Ditto, No. 4, with double jets and glass bottle . „ | 6 | 15 | 0 |
| Ditto, ditto, with hollow copper base . . „ | 7 | 15 | 0 |
| *No.* 3 *can be fitted with double jets at an extra charge of* . | 0 | 15 | 0 |
| *Nos.* 3 *and* 4 *can be fitted with handles for carrying at an extra charge of* . . . . . | 0 | 10 | 6 |

## APPLIANCES FOR THE WARD AND SICK ROOM, AND SURGERY SUNDRIES.

Fig. 1593.

| | £ | s. | d. |
|---|---|---|---|
| **Arm Baths**, plain tin, 2 sizes . . each, 6*s.* and | 0 | 8 | 6 |
| **Back Rest**, for bandaging (*Fig.* 1593) . . . each | 0 | 10 | 6 |

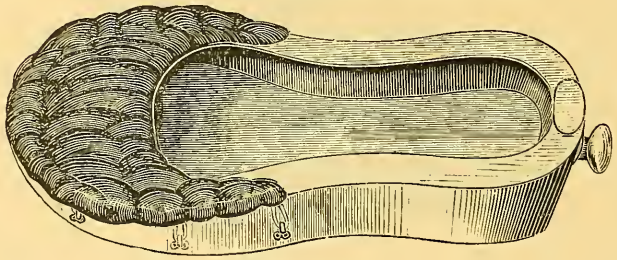


Fig. 1594.

| | | | |
|---|---|---|---|
| **Bed Baths**, or "Bidets," padded (*Fig.* 1594) . each | 0 | 14 | 0 |
| Ditto, "extra wide," ditto . . . . . ,, | 0 | 16 | 0 |
| Ditto, ditto, ditto, with tube and stopcock . . ,, | 1 | 1 | 0 |

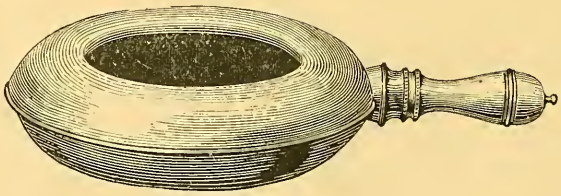


Fig. 1595.

| | | | |
|---|---|---|---|
| **Bed Pans**, circular (*Fig.* 1595), earthenware, 3 sizes, each, 3*s.* 4*d.*, 3*s.* 8*d.*; and | 0 | 4 | 4 |
| *With Covers, 1s. each extra.* | | | |
| Ditto, ditto (*Fig.* 1595), pewter, each, 11*s.* 6*d.*, 13*s.* 6*d.* and | 0 | 18 | 6 |

## Appliances for the Ward and Sick Room, etc., *continued.*

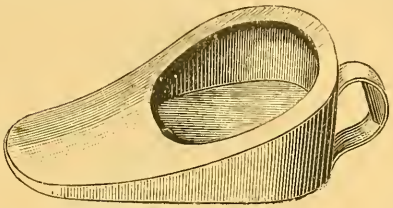


Fig. 1596.

| | £ | s. | d. |
|---|---|---|---|
| **Bed Pans**, *continued*,— | | | |
| Ditto, slipper-shape, earthenware (*Fig.* 1596),— | | | |
| 3 sizes, each, 3*s.* 4*d.*, 4*s.*, and | 0 | 4 | 8 |
| *With Covers*, 1*s.* 4*d. each extra.* | | | |
| Ditto, ditto, French model, 2 sizes, each, 4*s.* 3*d.* and | 0 | 4 | 9 |

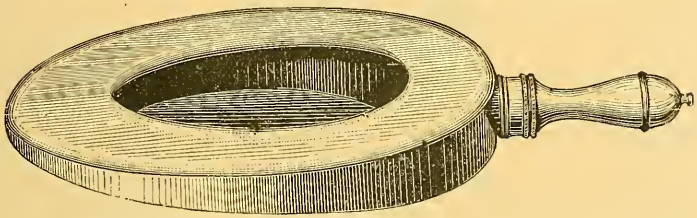


Fig. 1597.

| | | | |
|---|---|---|---|
| Ditto, ditto, pewter (*Fig.* 1597), with cover . each | 1 | 15 | 6 |

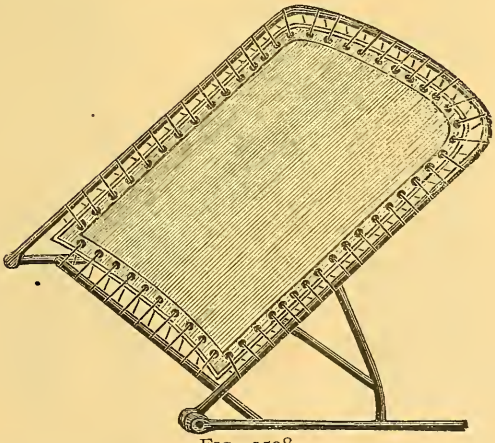


Fig. 1598.

| | | | |
|---|---|---|---|
| **Bed Rests**, canvas backs, with iron frames (*Fig.* 1598) each | 0 | 10 | 6 |
| Ditto, webbing backs and wood frames . . „ | 0 | 15 | 6 |

## Appliances for the Ward and Sick Room, etc., *continued.*

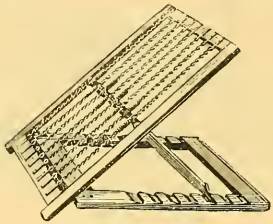


Fig. 1599.

**Bed Rests**, *continued*,— £ s. d.

Ditto, "Palatine," with spring backs (*Fig.* 1599), each 0 18 0

Fig. 1600.

**Bleeding Basins**, earthenware, graduated in ounces, each, 16-oz., 1*s.* 8*d.*; 24-oz. 0 2 3

Ditto, pewter, ditto (*Fig.* 1600) each, 16-oz., 2*s.* 3*d.*; 24-oz., 3*s.*; 32-oz. 0 3 9

Fig. 1601.

Fig. 1602.

**Drop Bottles**, Chalk's (*Fig.* 1601) . . per doz. 0 12 0

Ditto, grooved stoppers (*Fig.* 1602), ½-oz. and 1-oz., per doz. 3*s.* and 0 4 0

## Appliances for the Ward and Sick Room, etc., *continued.*

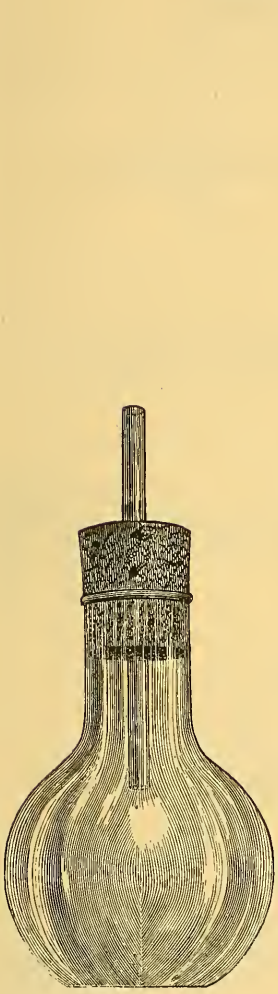


Fig. 1603.

Fig. 1604.

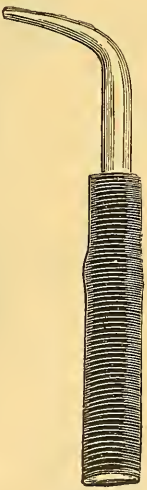


Fig. 1605.

Fig. 1606.

| | £ | s. | d. |
|---|---|---|---|
| **Drop Bottles,** *continued,*— | | | |
| Ditto, Liebreich's, for the Eye (*Fig.* 1603) per doz. | 0 | 2 | 6 |
| **Drop Tubes,** with india-rubber caps, *Fig.* 1604, per doz., 2*s.*; *Fig.* 1605, 2*s.* 6*d.*; *Fig.* 1606 . . . . | 0 | 4 | 0 |

L L

## Appliances for the Ward and Sick Room, etc., *continued.*

FIG. 1607.

| | £ | s. | d. |
|---|---|---|---|
| **Foot Warmers**, tin (*Fig.* 1607), 2 sizes, each, 3*s.* 3*d.* and | 0 | 4 | 6 |
| **Breast Pumps**, brass, in mahogany cases . . each | 0 | 8 | 6 |

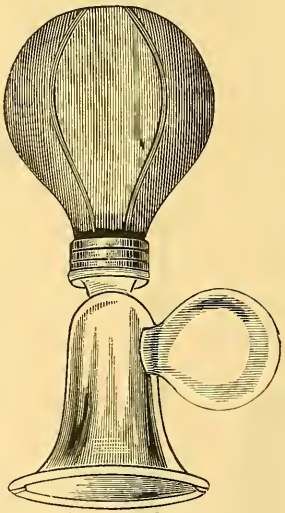


FIG. 1608.

| | | | |
|---|---|---|---|
| **Breast Relievers**, with india-rubber balls (*Fig.* 1608), per doz., 2-oz., 30*s.*; 4-oz. | 2 | 2 | 0 |
| **Bronchitis Kettles** (*see pages* 93–96). | | | |

FIG. 1609.

| | | | |
|---|---|---|---|
| **Brushes, Camel Hair,**— | | | |
| Crow . . per gross, short, 4*s.* 9*d.*; long (*Fig.* 1609) | 0 | 5 | 3 |

## Appliances for the Ward and Sick Room, etc., *continued.*

Fig. 1610.

| Brushes, Camel Hair, *continued*,— | £ | s. | d. |
|---|---|---|---|
| Duck . . per gross, short, 6*s.* 6*d.*; long (*Fig.* 1610) | 0 | 7 | 6 |

Fig. 1611.

| | | | |
|---|---|---|---|
| Goose, per gross, short, 10*s.* 6*d.*; long (*Fig.* 1611) . | 0 | 13 | 6 |
| Crow, Duck, and Goose, assorted, per gross, short, 7*s.* 6*d.*; long . . . . . | 0 | 9 | 0 |

*The above are put up in* 3 *doz. boxes only.*

Fig. 1612.

| | | | |
|---|---|---|---|
| Goose, short (*Fig.* 1612), on sticks . . per doz. | 0 | 1 | 3 |

Fig. 1613.

| | | | |
|---|---|---|---|
| Swan . . . . per doz., small, 1*s.* 6*d.*; large | 0 | 2 | 0 |
| Ditto, on sticks, per doz., small, 2*s.*; large (*Fig.* 1613) . . . . . | 0 | 2 | 6 |
| Ditto, wired ditto . . per doz., small, 3*s.*; large | 0 | 3 | 6 |
| Ditto, ditto, ditto, extra large . . . per doz. | 0 | 6 | 6 |

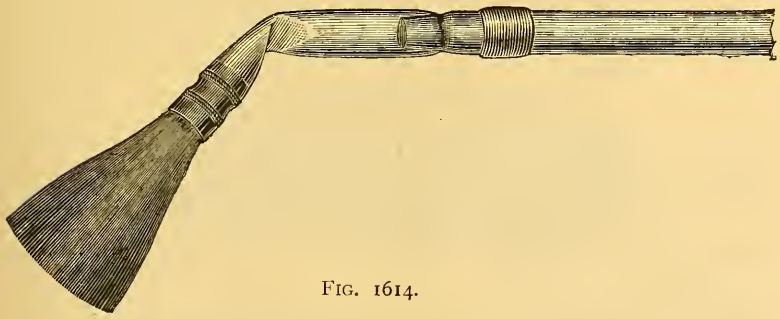
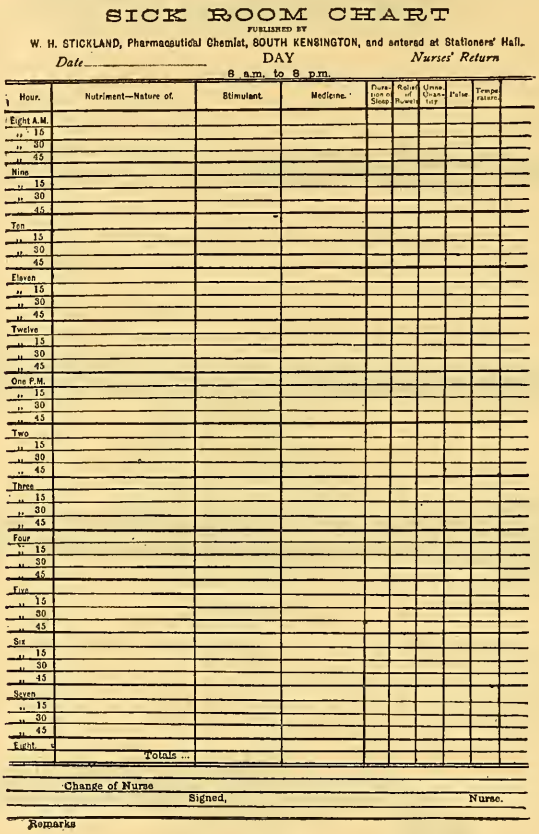


Fig. 1614.

| | | | |
|---|---|---|---|
| Ditto, bent ditto (*Fig.* 1614) . . . per doz. | 0 | 2 | 6 |

*The above are put up in* 1 *doz. boxes only.*
*Spare sticks for straight or bent swan, per doz.,* 4*d.*

## Appliances for the Ward and Sick Room, etc., *continued.*



SICK ROOM CHART

PUBLISHED BY

W. H. STICKLAND, Pharmaceutical Chemist, SOUTH KENSINGTON, and entered at Stationers' Hall.

*Date*_____ DAY *Nurses' Return*

8 a.m. to 8 p.m.

| Hour. | Nutriment—Nature of. | Stimulant. | Medicine. | Duration of Sleep. | Relief of Pain. | Urine. Quantity. | Pulse | Temperature. |
|---|---|---|---|---|---|---|---|---|
| Eight A.M. | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Nine | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Ten | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Eleven | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Twelve | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| One P.M. | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Two | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Three | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Four | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Five | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Six | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Seven | | | | | | | | |
| ,, 15 | | | | | | | | |
| ,, 30 | | | | | | | | |
| ,, 45 | | | | | | | | |
| Eight | | | | | | | | |
| | Totals ... | | | | | | | |

Change of Nurse

Signed, Nurse.

Remarks

FIG. 1615.

| | £ | s. | d. |
|---|---|---|---|
| **Brushes, Glass,** for applying Acids . . per doz. | 0 | 3 | 9 |
| **Charts, "Sick Room,"** Stickland's, in sets for one week, day and night (*Fig.* 1615) . . per set | 0 | 1 | 0 |
| **Chatelaines,** 4 chains, nickel plated . . . each | 0 | 5 | 6 |
| Ditto, 6 chains, ditto . . . . . ,, | 0 | 6 | 6 |
| **Clinical Thermometers and Charts** (*see pages* 418–420). | | | |
| **Dr. Diver's Tocophelia,** or Couchaide (*Fig.* 1616),— each, 21*s.*; with cable | 1 | 3 | 6 |

## Appliances for the Ward and Sick Room, etc., *continued.*

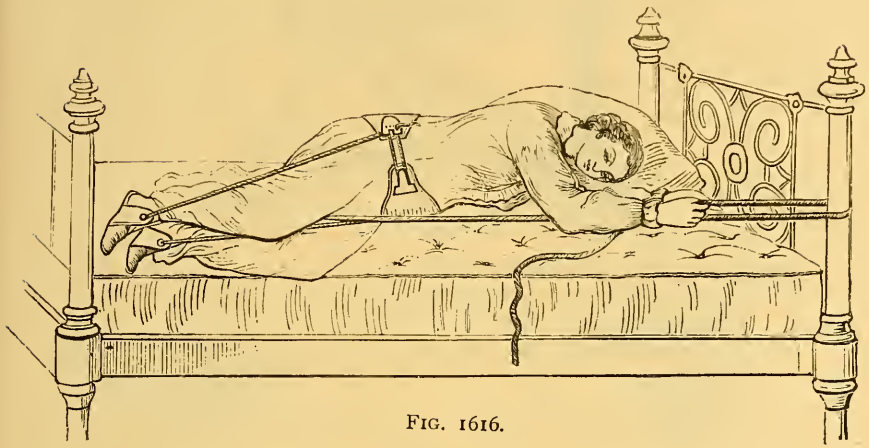


FIG. 1616.

*This apparatus is designed to utilize the habit which Parturient Women have of* PULLING *during their pains.*

*The patient, by means of it, is able to accomplish for herself firm pressure to the back, where such pressure is grateful; also an even and comfortable support to the uterus, and she is provided with a resting surface for the feet in any part of the bed. For the act of pulling, this apparatus has a soft woollen cable of suitable thickness. At the end of the cable is a pulley through which a cord runs, and thence through a ring in each of a pair of stirrups, made of broad canvas, for the feet. From the stirrups the cord is conducted on each side of the patient to a cushioned pad placed over the back, and from this it passes to an abdominal belt in such a manner that when she pulls the cushion is firmly pressed against the back, and the uterus is supported by the abdominal belt.*

*As soon as the patient ceases to pull the pressure is relaxed, therefore the support is given just* WHEN *it is wanted, and where it is felt to be useful.*

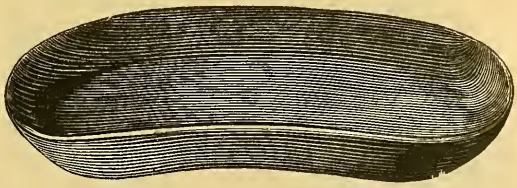


FIG. 1617.

### Dressing Trays, etc.,—

| | £ | s. | d. |
|---|---|---|---|
| Earthenware, kidney-shaped (*Fig.* 1617), 3 sizes, per doz., 15*s.*, 21*s.*, and | 1 | 7 | 0 |

## Appliances for the Ward and Sick Room, etc., *continued.*

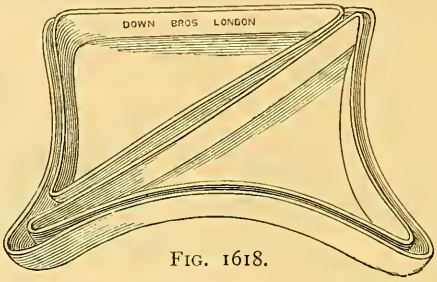



Fig. 1618.

| Dressing Trays, etc., *continued*,— | £ | s. | d. |
|---|---|---|---|
| Earthenware, set of 3, Guy's pattern (*Fig.* 1618), per set | 0 | 9 | 0 |
| Ditto, square (*Fig.* 1620), 10 × 8, each, 2*s.* 3*d.*; 11 × 9, 3*s.*; 16 × 12, 8*s.* 9*d.*; 18 × 16 . . . . . | 0 | 14 | 6 |
| Metal (copper-tinned), set of 3, Guy's pattern (*Fig.* 1618) . . . . . per set | 0 | 19 | 6 |
| Papier-mâché, kidney shaped (*Fig.* 1617), 3 sizes, per doz., 6*s.*, 9*s.*, and | 0 | 12 | 0 |

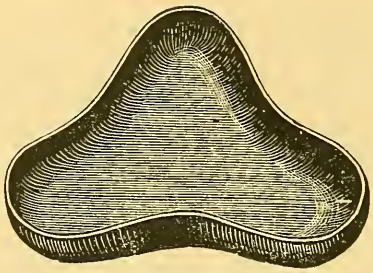


Fig. 1619.

| | | | | |
|---|---|---|---|---|
| Papier-mâché, triangular (*Fig.* 1619), 2 sizes | per doz. | 1 | 7 | 0 |

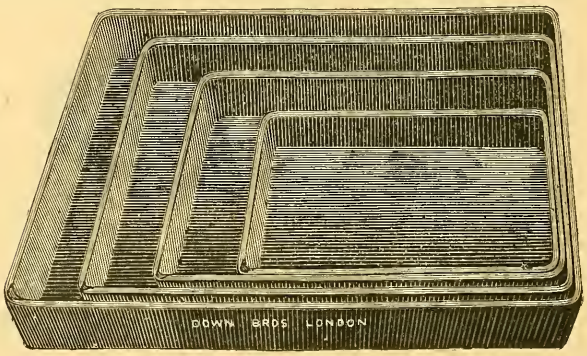



Fig. 1620.

## Appliances for the Ward and Sick Room, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Dressing Trays, etc.,** *continued,*— | | | |
| Papier-mâché, square, for carbolizing instruments (*Fig.* 1620), 9½ × 7½, 3*s.* 9*d.*; 12 × 10, 5*s.*; 14½ × 12, 7*s.*; 16½ × 14 | 0 | 10 | 0 |
| Ditto, Bowls for Ward use, etc., 9½ × 4, 3*s.*; 11 × 4½, 4*s.*; 12½ × 5, 5*s.*; 14 × 5½ | 0 | 7 | 6 |
| Vulcanite, kidney shaped (*Fig.* 1617), 5 sizes, each, 3*s.* 9*d.*, 4*s.*, 4*s.* 9*d.*, 5*s.* 9*d.* and | 0 | 6 | 9 |
| Ditto, triangular (*Fig.* 1619) . . . . each | 0 | 6 | 9 |
| **Electric Bells** for Invalids, 20 yards wire and push handle . . . . . each | 1 | 0 | 0 |
| **Eye Baths,** glass . . . . . per doz. | 0 | 2 | 0 |

Fig. 1621.

Fig. 1622.

| | | | |
|---|---|---|---|
| **Feeding Cups,** earthenware (*Fig.* 1621) . per doz. | 0 | 8 | 6 |
| Ditto, pewter (*Fig.* 1621), 2 sizes, per doz., 42*s.* and | 2 | 8 | 0 |
| Ditto, ditto, upright (*Fig.* 1622) . . per doz. | 2 | 2 | 0 |

Fig. 1623.

| | | | |
|---|---|---|---|
| **Funnels,** earthenware, 1-oz., 8*d.*; 2-oz., 9*d.*; 4-oz., 1*s.*; 8-oz., 1*s.* 6*d.*; 1-pint, 2*s.*; 1½-pints, 2*s.* 6*d.*; 2-pints | 0 | 3 | 6 |
| Ditto, glass, per doz., 1-oz., 2*s.*; 2-oz., 2*s.* 3*d.*; 4-oz., 3*s.* 9*d.*; 8-oz., 5*s.* 3*d.*; 20-oz. . . . . | 0 | 7 | 6 |
| Ditto, pewter (*Fig.* 1623), 1-oz., 7*d.*; 4-oz., 1*s.* 2*d.*; ½-pint, 1*s.* 6*d.*; 1-pint . . . . . | 0 | 2 | 6 |
| Ditto, vulcanite, 1-oz. . . . . each | 0 | 1 | 6 |
| **Hot Air Baths** (*see page* 96). | | | |
| **Ice Bags** (*see pages* 492–495). | | | |
| **Inhalers** (*see pages* 98–101). | | | |
| **Iodoform Dredges,** glass bottles, with perforated box-wood tops, per doz., 1-oz., 15*s.*; 2-oz. . . . | 1 | 1 | 0 |
| **Iodoform Puffs,**— | | | |
| Bardeleben's . . . . . each | 0 | 3 | 9 |
| Ear and Nose (*Fig.* 456, *p.* 126) . . . . „ | 0 | 2 | 6 |
| Kabierski's (*Fig.* 299, *p.* 73), with one tube . . „ | 0 | 7 | 6 |

## Appliances for the Ward and Sick Room, etc., *continued.*

**Iodoform Puffs**, *continued*,—

| | £ | s. | d. |
|---|---|---|---|
| Extra Tubes for Kabierski's,— | | | |
| *m*, for Larynx . . . . . each | 0 | 1 | 0 |
| *l*, for Vagina . . . . . ,, | 0 | 1 | 0 |
| *k*, for Nose and Ear . . . . . ,, | 0 | 1 | 0 |
| *n n*, India-rubber for Eye, etc. . . . . ,, | 0 | 1 | 0 |
| To blow with mouth . . . . . ,, | 0 | 1 | 9 |
| India-rubber Balls, with vulcanite pipes, per doz., ½ oz., 15*s.*; 1 oz. . . . . | 0 | 18 | 0 |
| **Lactometers**, with Trial Glasses . . . per doz. | 1 | 1 | 0 |
| Cream tubes, set of 4, with stand . . . . | 0 | 6 | 0 |

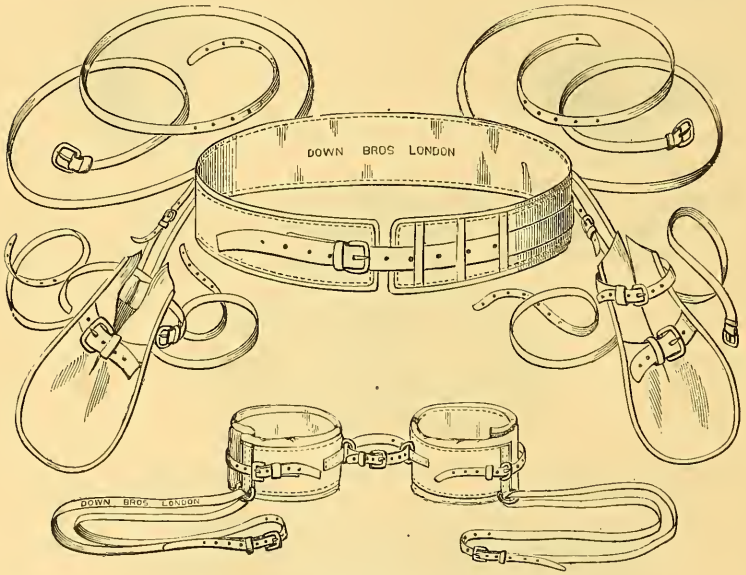



Fig. 1624.

| | | | |
|---|---|---|---|
| **Manacles** (*Fig.* 1624) . . . . . per set | 1 | 12 | 0 |
| Straight Jacket . . . . . . each | 0 | 13 | 6 |
| **Measures**, Glass, Graduated,— | | | |
| Conical, per doz., 1-dram, 6*s.*; 2-dram, 7*s.*; ½-oz., 5*s.*; 1-oz., 6*s.*; 2-oz., 6*s.* 9*d.*; 3-oz., 7*s.* 6*d.*; 4-oz., 9*s.*; 6-oz., 10*s.* 6*d.*; 8-oz., 12*s.*; 10-oz., 14*s.*; 12-oz., 18*s.*; 16-oz., 21*s.*; 20-oz. . . . . | 1 | 2 | 6 |
| Cup Bottom, 1-oz., 6*s.*; 2-oz., 6*s.* 9*d.*; 3-oz., 7*s.* 6*d.*; 4-oz., 9*s.*; 6-oz., 10*s.* 6*d.*; 8-oz., 12*s.*; 10-oz., 14*s.*; 12-oz., 18*s.*; 16-oz., 21*s.*; 20-oz. . . . . | 1 | 2 | 6 |

## Appliances for the Ward and Sick Room, etc., *continued.*

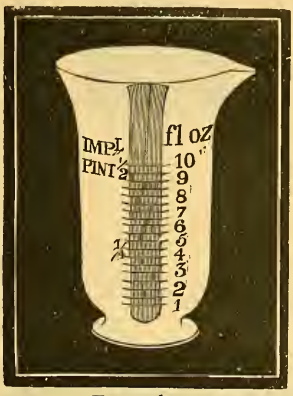



Fig. 1624A.

Fig. 1624B.

| Measures, Patent Opaque Glass,— | £ | s. | d. |
|---|---|---|---|
| *Fig.* 1624A, per doz., 1-oz., 20*s.*; 2-oz., 25*s.*; 4-oz., 30*s.*; 6-oz., 34*s.*; 8-oz., 40*s.*; 10-oz., 47*s.*; 20-oz., 55*s.*; 40-oz. . . . . | 4 | 14 | 0 |
| *Fig.* 1624B, 60-minim, per doz., 22*s.*; 120-minim, per doz. | 1 | 4 | 0 |

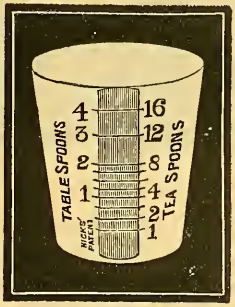



Fig. 1624C.

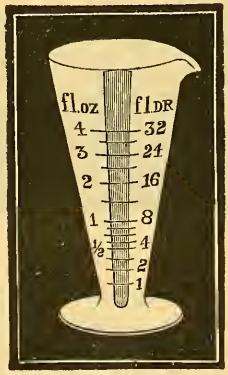



Fig. 1624D.

| | | | |
|---|---|---|---|
| *Fig.* 1624C. . . . . per doz. | 1 | 1 | 0 |
| *Fig.* 1624D, per doz., 1-dram, 19*s.*; 2-dram, 21*s.*; 1-oz., 25*s.*; 2-oz., 28*s.*; 4-oz., 32*s.*; 6-oz., 36*s.*; 8-oz., 44*s.*; 10-oz., 52*s.*; 20-oz. . . . . | 2 | 15 | 0 |

## Appliances for the Ward and Sick Room, etc., *continued.*

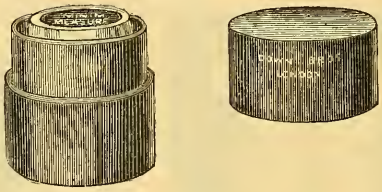


Fig. 1625.

| | £ | s. | d. |
|---|---|---|---|
| **Medicine Tumblers** . . . . . per doz. | 0 | 5 | 0 |
| Ditto and Minim Measures, in cases (*Fig.* 1625) per doz. | 0 | 17 | 6 |

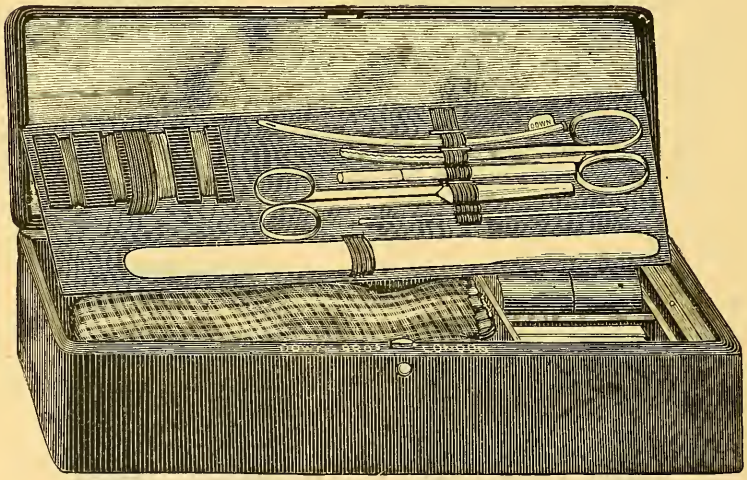


Fig. 1626.

**Nurse's Case,** Royal Berkshire Hospital pattern (*Fig.* 1626), containing Bow Dressing Forceps, Dressing Scissors, Spatula, Hypodermic Syringe, Silver Female Catheter, Enema and Vaginal Syringe, Tumbler and Minim Measure, in case, Clinical Thermometer, in plated case, Silver Probe, Tablet of Silk, Wire and Needles, and packet of Safety Pins, in neat morocco case . . . . each 1 17 6

**Appliances for the Ward and Sick Room, etc.,** *continued.*

| Operation Tables,— | £ | s. | d. |
|---|---|---|---|
| Guy's pattern, plain deal . . . . . each | 12 | 0 | 0 |
| Ditto, birch . . . . . ,, | 15 | 15 | 0 |

*If without Arm Rests, each £1 10s. less.*
*If to raise Pelvis, each £1 10s. extra.*

| | | | |
|---|---|---|---|
| St. Thomas's pattern, oak . . . . . each | 18 | 18 | 0 |
| Universal Iron Portable; can be adjusted to place patient in any required position, and to take to pieces for portability . . . . . | 12 | 12 | 0 |

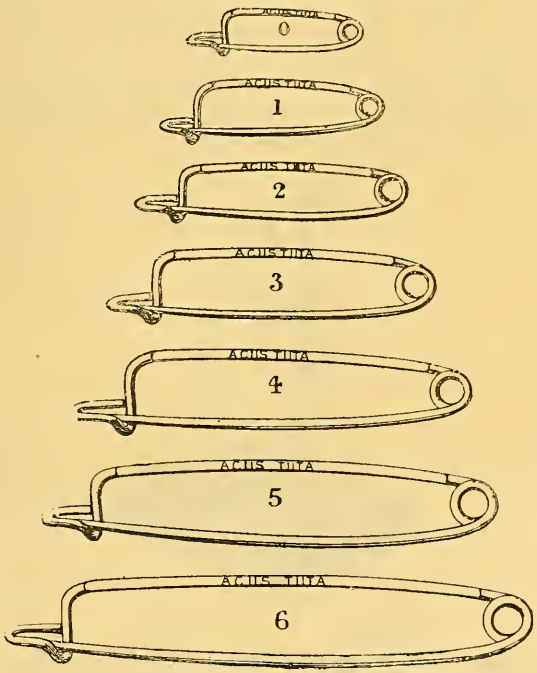



Fig. 1627.

**Safety-pins** (*Fig.* 1627), per gross, No. 0, 1*s.* 3*d.*; 1, 1*s.* 6*d.*; 2, 2*s.*; 3, 2*s.* 6*d.*; 4, 3*s.*; 5, 5*s.* 3*d.*; 6 0 7 6

## Appliances for the Ward and Sick Room, etc., *continued.*

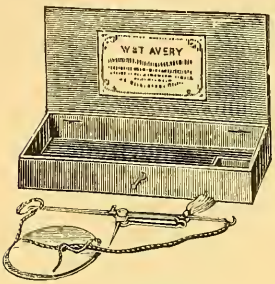



Fig. 1628.

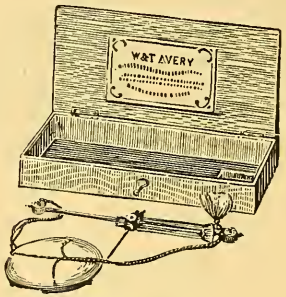



Fig. 1629.

**Scales for Dispensing,—**

| | £ | s. | d. |
|---|---|---|---|
| Hook-end Beam, 7-inch, and Silk Cords (*Fig.* 1628), with weights complete, in mahogany boxes, with brass pans, 4*s.*; with glass pans . . . . | 0 | 5 | 0 |
| Box-end Beam, 7-inch, and Silk Cords (*Fig.* 1629), with weights complete, in mahogany boxes, with brass pans, 9*s.* 6*d.*; with glass pans . . . . | 0 | 10 | 9 |

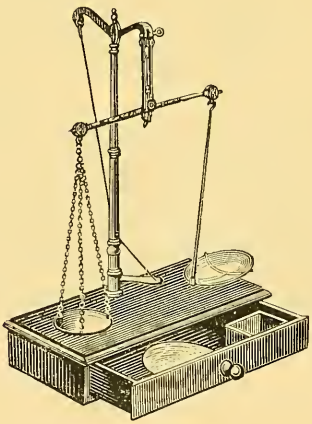


Fig. 1630.

| | £ | s. | d. |
|---|---|---|---|
| Brass Pillar, with lever and back string (*Fig.* 1630), and extra glass scale pan, £1 3*s.*; nickel-plated . | 1 | 7 | 6 |

**Scissors,—**

| | | | |
|---|---|---|---|
| Nail . . . . per doz., 18*s.*, 24*s.*, 30*s.* and | 2 | 2 | 0 |
| Ditto, curved on flat . . . . per doz. | 2 | 14 | 0 |
| 'Surgery," 7-in., unpolished . . . . . | 0 | 2 | 6 |

## Appliances for the Ward and Sick Room, etc., *continued.*

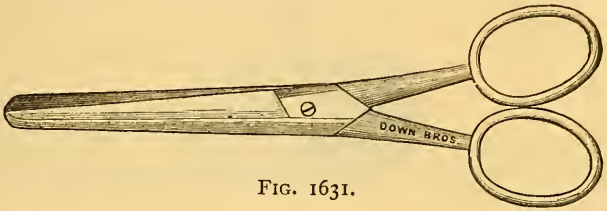



Fig. 1631.

| | £ | s. | d. |
|---|---|---|---|
| **Scissors,** *continued*,— | | | |
| "Ward," with blunt points, polished (*Fig.* 1631), 5-in., 2*s.* 3*d.*; 5½-in., 2*s.* 6*d.*; 6½-in. . . . . | 0 | 3 | 6 |
| **Screens,** 4-fold, St. Thomas's pattern . . . each | 2 | 8 | 6 |
| Ditto, made of strong framework, for use with curtain hangings . . . each, birch, £2 2*s.*; pine | 1 | 9 | 6 |
| *If fitted with castors, 6s. each extra.* | | | |
| **Spatulas, Palette, and Pill Knives,**— | | | |
| Bone Spatulas, per doz., 6-in., 4*s.* 6*d.*; 7-in., 6*s.*; 8-in., 7*s.*; 9-in., 8*s.* 6*d.*; 10-in., 11*s.* 6*d.*; 11-in. . . | 0 | 13 | 6 |
| Palette Knives, balance handle, per doz., 3-in., 6*s.* 6*d.*; 4-in., 6*s.* 6*d.*; 5-in., 7*s.* 6*d.*; 6-in., 8*s.* 6*d.*; 7-in., 12*s.*; 8-in., 14*s.* 6*d.*; 9-in., 18*s.*; 10-in., £1 3*s.* 6*d.*; 11-in., £1 10*s.*; 12-in. . . . . | 1 | 17 | 6 |
| Pill Knives, balance handle, per doz., 3-in., 7*s.*; 4-in., 7*s.*; 5-in. . . . . | 0 | 8 | 6 |

Fig. 1632.

| | | | |
|---|---|---|---|
| **Spitting Mugs,**— | | | |
| Earthenware (*Fig.* 1632) . . . . per doz. | 0 | 8 | 0 |
| Papier-mâché ,, . . . . ,, | 1 | 4 | 0 |
| Pewter . ,, . . . . ,, | 2 | 11 | 0 |
| **Spitting Pots** (chamber-shape) . . . ,, | 0 | 6 | 0 |

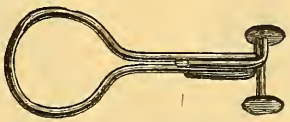


Fig. 1633.

| | | | |
|---|---|---|---|
| **Spring Clips** (*Fig.* 1633), for use as stopcocks with india-rubber tube . per doz., 3*s.* 6*d.*, 4*s.*, 5*s.* and | 0 | 6 | 0 |

## Appliances for the Ward and Sick Room, etc., *continued.*

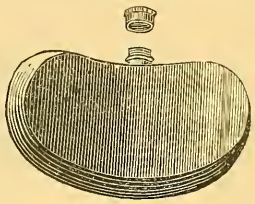


FIG. 1634.

| | £ | s. | d. |
|---|---|---|---|
| **Sprays**, Disinfecting (*see pages* 495–497). | | | |
| **Spray Inhalers** (*see pages* 105–110). | | | |
| **Stomach Warmers** (*Fig.* 1634), pewter . . each | 0 | 10 | 0 |
| Ditto, tin, 2 sizes . . . . each, 3*s.* and | 0 | 4 | 6 |
| **Stretchers**, as used at Guy's and St. Thomas's Hospitals each | 2 | 2 | 0 |
| Ditto, St. John Ambulance pattern . . . „ | 2 | 15 | 0 |
| **Strops**. . . . . each, 2*s.* and | 0 | 3 | 6 |

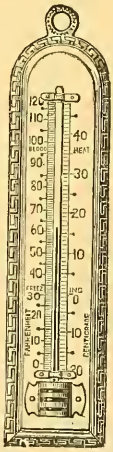


FIG. 1635.

FIG. 1636.

| | | | |
|---|---|---|---|
| **Thermometers**,— | | | |
| Boxwood, plain . . . . . per doz. | 0 | 10 | 0 |
| Ditto, polished with enamelled tubes (*Fig.* 1635) „ | 1 | 4 | 0 |
| Japanned tin, for bath (*Fig.* 1636) . . . „ | 1 | 2 | 0 |

## Appliances for the Ward and Sick Room, etc., *continued.*

**Trolly**, for removing patients from Wards to Operation Theatre (as used at St. Thomas's) . . each £ 10 10 s. 0 d.

**Urinals** (*see also page* 483).

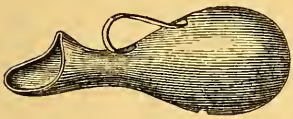


Fig. 1637.

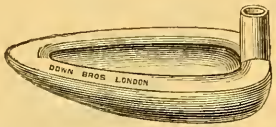



Fig. 1638.

**Urinals, Female,—**

| | | | |
|---|---|---|---|
| Earthenware, with handle (*Fig.* 1637) . . . | each | 0 2 | 0 |
| Ditto "spoonbill" (*Fig.* 1638). . . . . | „ | 0 2 | 3 |
| Glass (*Fig.* 1639) . . . . . | „ | 0 1 | 0 |

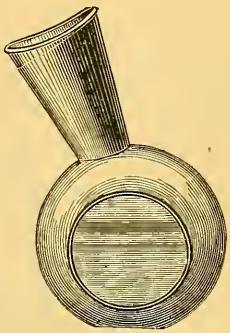


Fig. 1639.

| | | | |
|---|---|---|---|
| Gutta-percha (*Fig.* 1639) . . . . . | each | 0 3 | 6 |

Fig. 1640.

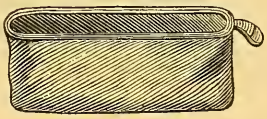


Fig. 1641.

| | | | |
|---|---|---|---|
| India-rubber (*Figs.* 1640 *and* 1641) . . . | each | 0 5 | 6 |
| Pewter (*Fig.* 1637) . . . . . | „ | 0 13 | 6 |
| Ditto (*Fig.* 1639) . . . . . | „ | 0 4 | 6 |

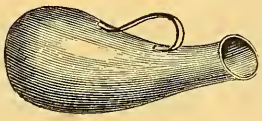


Fig.

## Appliances for the Ward and Sick Room, etc., *continued.*

| Urinals, Male, | £ | s. | d. |
|---|---|---|---|
| Earthenware (*Fig.* 1642) . . . . . each | 0 | 2 | 0 |

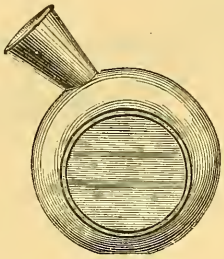


Fig. 1643.

Fig. 1644.

| | | | |
|---|---|---|---|
| Glass (*Fig.* 1643) . . . . . each | 0 | 1 | 0 |
| Gutta-percha (*Fig.* 1643) . . . . . „ | 0 | 3 | 6 |
| India-rubber (*Fig.* 1644) . . . . . „ | 0 | 6 | 6 |
| Pewter (*Fig.* 1642) . . . . . „ | 0 | 13 | 6 |
| Ditto (*Fig.* 1643) . . . . . „ | 0 | 4 | 6 |

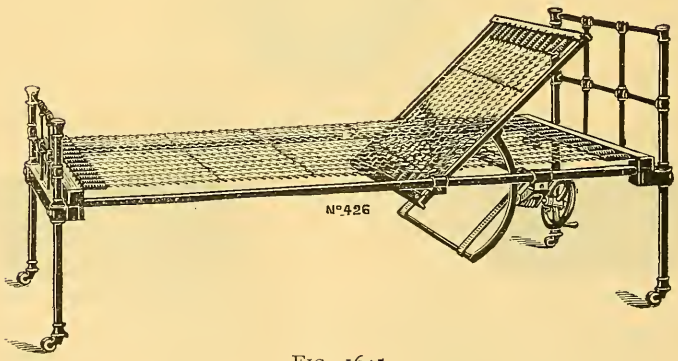



Fig. 1645.

**Invalid Spring Beds,—**

With back rest to raise or lower the patient, fitted with excelsior spring mattress—when the support is flat it is an ordinary spring mattress—(*Fig.* 1645), 7-ft. × 3-ft. . . . . each 4 16 0

## Appliances for the Ward and Sick Room, etc., *continued.*

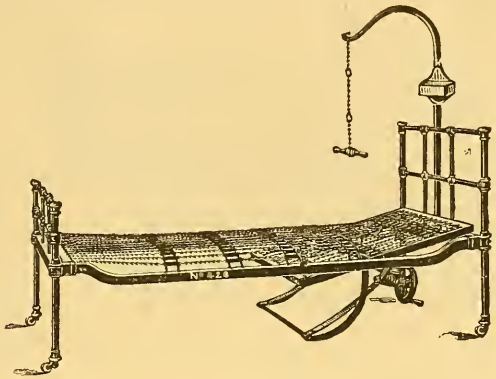


Fig. 1646.

| | £ | s. | d. |
|---|---|---|---|
| **Invalid Spring Beds,** *continued,*— | | | |
| *Fig.* 1645, with the addition of self-elevator (*Fig.* 1646) each, extra | 0 | 15 | 0 |

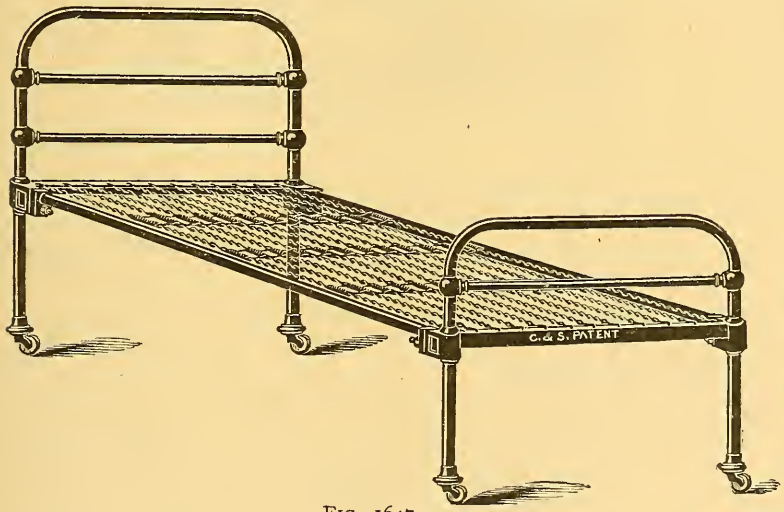



Fig. 1647.

| | | | |
|---|---|---|---|
| Plain Bedstead, with spring mattress, for Cottage Hospitals, etc. (*Fig.* 1647), 6-ft. 6-in. × 3-ft. . . each | 1 | 11 | 6 |
| Cots, for Children's Hospitals, both sides fall down for convenience of nurse, woven wire spring mattress (*Fig.* 1648), 4-ft. 3-in. × 2-ft. 3-in . . . each | 2 | 2 | 9 |

## Appliances for the Ward and Sick Room, etc., *continued.*

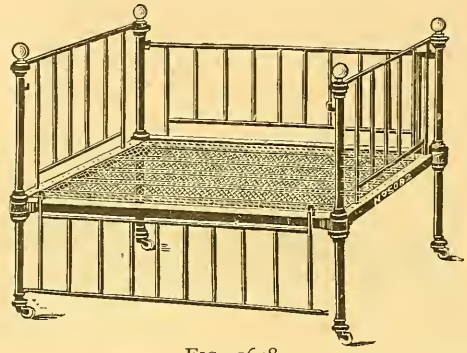


Fig. 1648.

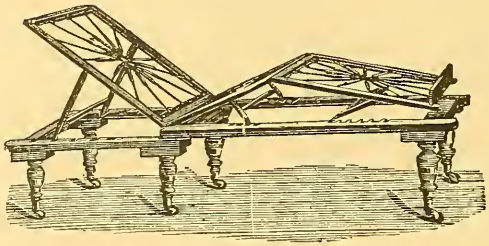


Fig. 1649.

| | £ | s. | d. |
|---|---|---|---|
| **Invalid Spring Beds**, *continued*,— | | | |
| Couches, "Matlock," with arrangement to alter length (*Fig.* 1649) . . . . . each | 5 | 5 | 0 |
| **Vapour Baths** (*see pages* 96 *and* 97). | | | |
| **Ward Dressing Tables** or "Ambulances," as used at Guy's Hospital . . . . . each | 3 | 13 | 6 |
| **Weighing Machines** . . . . . „ | 8 | 0 | 0 |
| **Wheel Chairs** (as used in Guy's Hospital) . . „ | 4 | 4 | 0 |
| Ditto, with slide boards for resting right or left leg, each | 4 | 14 | 6 |

*Wheels fitted with leather tyres, 7s. 6d. extra.*
*If fitted with hand-rails, 7s. 6d. extra.*

## BANDAGES, LINTS, WOOLS, PLASTERS, AND WOUND DRESSING MATERIALS.

| | £ | s. | d. |
|---|---|---|---|
| **Ambulance Hampers**, as made for the St. John Ambulance Association, containing Set of Splints, Roll of Lint, Tins of Plaster, Wool, and Marine Lint, Bandages, Tourniquet, 2 Sponges, Tape, Triangular Bandages, Knife, Scissors, Spring Forceps, 2 Reels Thread, Needles, and Packet Pins; in neat hamper covered with waterproof cloth . . each | 1 | 16 | 0 |
| **Antiseptic Dressings** (*Special Quotations for large quantities*),— | | | |
| Boracic Lint . . . . . per lb. | 0 | 2 | 0 |
| Ditto Wool . . . . . „ | 0 | 2 | 6 |
| Carbolic Bandages, per doz., 2-in., 1*s.* 4*d.*; 2½-in., 1*s.* 6*d.*; 3-in., 1*s.* 9*d.*; 4-in., 2*s.*; 6-in. | 0 | 3 | 0 |
| Ditto, Catgut (chromatized), 5 sizes, in bottles, per bottle | 0 | 0 | 10 |
| Ditto, ditto, dry, in hanks, 5 sizes . per doz. hanks | 0 | 4 | 0 |
| Ditto Gauze . . . . . per doz. yards | 0 | 2 | 0 |
| Ditto, ditto, in quantities of not less than 100 yards, per doz. yards | 0 | 1 | 9 |
| Ditto Lint . . . . . per lb | 0 | 2 | 0 |
| Ditto Silk . . . . . per reel | 0 | 0 | 10 |
| Ditto Tow, Calvert's 10 per cent. . . per lb. | 0 | 1 | 1 |
| Ditto Wool . . . . . „ | 0 | 2 | 6 |
| Eucalyptus Gauze . . . . per doz. yards | 0 | 3 | 0 |
| Ditto, ditto, in quantities of not less than 100 yards, per doz. yards | 0 | 2 | 6 |
| Ditto Wool . . . . . per lb. | 0 | 3 | 0 |
| Gamgee's Sponges . . . . . per doz. | 0 | 3 | 9 |
| Gutta-percha Tissue . . . . . per lb. | 0 | 12 | 6 |
| Ditto, hospital quality . per yard, 1*s.* 3*d.*; „ | 0 | 9 | 0 |
| Iodoform Gauze . . . . . per doz. yards | 0 | 4 | 9 |
| Ditto Wool . . . . . per lb. | 0 | 6 | 0 |
| Oakum or "Antiseptic Marine Lint" . . „ | 0 | 1 | 0 |
| Oiled Paper . . . . . per gross sheets | 0 | 12 | 0 |
| Oiled Silk Protective . . . . . per yard | 0 | 2 | 6 |
| Pink Jaconet . . . . . „ | 0 | 2 | 4 |
| Salicylic Silk, "Hospital" . . . . . per lb. | 0 | 4 | 0 |
| Ditto, ditto, "Super" . . . . . „ | 0 | 5 | 0 |
| Ditto Wool . . . . . „ | 0 | 3 | 0 |

## Bandages, Lints, Wools, etc., *continued.*

| Antiseptic Dressings, *continued*,— | | £ | s. | d. |
|---|---|---|---|---|
| Sal Alembroth Gauze | per doz. yards | 0 | 2 | 3 |
| Ditto, Wool | per lb. | 0 | 2 | 3 |
| Sero-Sublimate Gauze | per doz. yards | 0 | 2 | 6 |
| Sanitary Towels | per doz. | 0 | 2 | 0 |
| Sanitas Gauze | per doz. yards | 0 | 3 | 0 |
| Sublimate Gauze | „ „ | 0 | 3 | 0 |
| Surgical Dressing, similar to "Tenax" | per lb. | 0 | 0 | 9 |
| Stypium | „ | 0 | 1 | 0 |
| Tarred Tow, similar to "Styptic Tow" | „ | 0 | 0 | 6 |
| Tenax | „ | 0 | 1 | 6 |
| Thymol Gauze, per doz. yards, bleached, 4*s.* 6*d.*; unbleached | | 0 | 3 | 6 |
| Wood Wool, in 1-lb. bags | per lb. | 0 | 1 | 2 |
| Ditto, in 10-lb. bags | „ | 0 | 1 | 1 |
| Ditto, diapers | per doz. | 0 | 2 | 0 |
| Ditto, Wadding | per lb. | 0 | 1 | 10 |

**Bandages, Calico, Bleached,** per dozen rolls,—

| | 3 yards. | 4 yards. | 6 yards. | 9 yards. |
|---|---|---|---|---|
| 1-in. | 1/– | 1/4 | — | — |
| 1½-in. | 1/4 | 1/9 | — | — |
| 2-in. | 1/10 | 2/4 | 3/9 | — |
| 2½-in. | 2/3 | 3/– | 4/6 | 6/9 |
| 3-in. | 2/9 | 3/9 | 5/6 | 8/3 |
| 4-in. | 3/3 | 4/4 | 7/3 | 10/9 |
| 6-in. | 5/9 | 8/– | 11/3 | 17/– |

**Bandages, Calico, Unbleached,** specially prepared free from "dress," as used by the St. John Ambulance Association.

| | 3 yards. | 4 yards. | 6 yards. | 9 yards. |
|---|---|---|---|---|
| 1-in. | 1/– | — | — | — |
| 1½-in. | 1/3 | — | — | — |
| 2-in. | 1/8 | 2/2 | — | — |
| 2½-in. | 2/– | 2/8 | 4/– | 6/– |
| 3-in. | 2/4 | 3/– | 4/8 | 7/– |
| 4-in. | 3/– | 4/– | 6/– | 9/– |
| 6-in. | 4/8 | 6/– | 9/6 | 14/– |

**Bandages, Calico, Unbleached, "Hospital,"** in 6-yard rolls,—

| | | | | |
|---|---|---|---|---|
| 2-in. | per doz. rolls | 0 | 2 | 0 |
| 2½-in. | „ | 0 | 2 | 4 |
| 3-in. | „ | 0 | 2 | 8 |

## Bandages, Lints, Wools, etc., *continued.*

| | | £ | s. | d. |
|---|---|---|---|---|
| **Bandages, Open Wove, Bleached,** "Strong," in 6-yard rolls,— | | | | |
| 2-in. | per doz. rolls | 0 | 2 | 0 |
| 2½-in. | ,, | 0 | 2 | 6 |
| 3-in. | ,, | 0 | 3 | 0 |
| **Bandages, Open Wove, Bleached,** "Hospital," in 6-yard rolls,— | | | | |
| 2-in. | per gross rolls | 0 | 16 | 6 |
| 2½-in. | ,, | 1 | 2 | 0 |
| 3-in. | ,, | 1 | 5 | 0 |
| 4-in. | per doz. | 0 | 3 | 0 |
| 6-in. | ,, | 0 | 4 | 6 |
| **Bandages, with selvage edge, Bleached,** in 6-yard rolls,— | | | | |
| 2-in. | per doz. rolls | 0 | 4 | 6 |
| 2½-in. | ,, | 0 | 6 | 0 |
| 3-in. | ,, | 0 | 7 | 6 |
| 4-in. | ,, | 0 | 9 | 0 |
| **Bandages, Open Wove, Unbleached,** in 6-yard rolls,— | | | | |
| 2-in. | per gross rolls | 0 | 14 | 6 |
| 2½ in. | ,, | 0 | 18 | 0 |
| 3-in. | ,, | 1 | 1 | 0 |

**Cotton Net,** or "Stocking" Bandage,—

| 2 | 2½ | 3 | 3½ | 4 in. |
|---|---|---|---|---|
| 1/10 | 2/– | 2/6 | 3/– | 3/6 per doz. yards. |

| | | £ | s. | d. |
|---|---|---|---|---|
| **Domette,** in 6-yard rolls, 3 in. wide | per doz. | 0 | 12 | 6 |
| Ditto, ditto, ditto, "Hospital" | ,, | 0 | 9 | 6 |
| **Esmarch's Triangular,** Unbleached Calico | ,, | 0 | 4 | 0 |
| Ditto, Illustrated | ,, | 0 | 6 | 0 |
| **Flannel,** in 6-yard rolls, 3 in. wide | ,, | 0 | 15 | 0 |
| Ditto, ditto, ditto, "Hospital" | ,, | 0 | 9 | 6 |
| **Gauze,** Sayre's,— | | | | |
| For plaster of Paris, in 4-yard rolls, 4 in. | ,, | 0 | 4 | 6 |
| Ditto, in 6-yard rolls, per doz., 3-in., 4*s.* 6*d.*; 4-in. | | 0 | 6 | 0 |
| Ditto, prepared ready for use, in sealed tins, containing 6, 9 or 12 4-yard rolls, 4-in., per doz. rolls | | 0 | 8 | 0 |
| Ditto, ditto, ditto, 6-yard rolls, 3-in., per doz. rolls | | 0 | 8 | 0 |
| **India-rubber Web,** per doz. yards, 2-in., 7*s.* 6*d.*; 2½-in., 8*s.* 6*d.*; 3-in. | | 0 | 9 | 6 |
| Ditto, with soft edges, per doz. yards, 2½-in., 10*s.*; 3-in. | | 0 | 11 | 6 |

**Bandages, Lints, Wools, etc.,** *continued.*

| | | | | £ | s. | d. |
|---|---|---|---|---|---|---|
| **Linen,—** | 3-yard. | 4-yard. | 6-yard rolls. | | | |
| $2\frac{1}{2}$ in. | 5/9 | 7/9 | 11/6 | | | |
| 3 in. | 7/6 | 10/– | 15/– | | | |
| **"Many-tailed" Bandages** . . . | | | per doz. | 1 | 0 | 0 |
| **Muslin Fine,—** | | | | | | |
| For Croft's Splints, 6-yard rolls, 3 inch . . | | | per doz. | 0 | 3 | 9 |

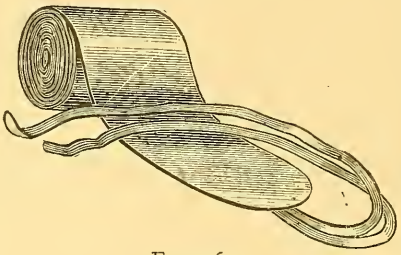


FIG. 1650.

**Martin's pure Para-rubber** (*Fig.* 1650), made in strict accordance with Dr. Martin's original instructions.

| | Gauge. | | 5 feet. | $7\frac{1}{2}$ feet. | $10\frac{1}{2}$ feet. | 15 feet. | 21 feet. |
|---|---|---|---|---|---|---|---|
| $2\frac{1}{2}$ inch | 21 | Each | 2/– | 3/– | 4/– | 6/– | 8/– |
| 3 ,, | 21 | ,, | 2/3 | 3/6 | 4/6 | 6/9 | 9/– |

FIG. 1651.

**Statham's Porous Rubber** (*Fig.* 1651),—

| | Gauge. | | 5 feet. | $7\frac{1}{2}$ feet. | $10\frac{1}{2}$ feet. | 15 feet. | 21 feet. |
|---|---|---|---|---|---|---|---|
| $2\frac{1}{2}$ inch | 21 | Each | 2/– | 3/– | 4/– | 6/– | 8/– |
| 3 ,, | 21 | ,, | 2/3 | 3/6 | 4/6 | 6/9 | 9/– |
| **"T" or Perineal** . . . . . | | | | | | per doz. | 0 12 0 |

## Bandages, Lints, Wools, etc., *continued.*

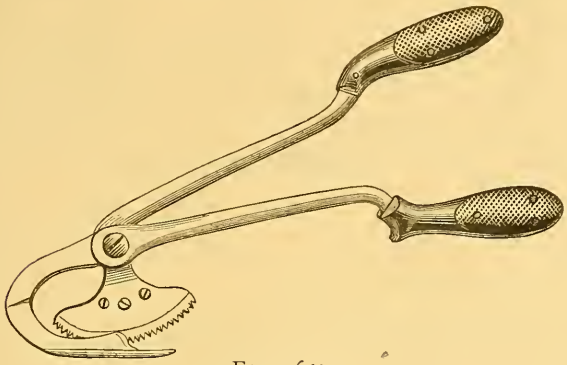


Fig. 1652.

| | £ | s. | d. |
|---|---|---|---|
| **Bandage Cutters**, Down's improved Circular Saw, each | 2 | 5 | 0 |
| Ditto, Gowan's (*Fig.* 1652) . . . . . „ | 3 | 3 | 0 |

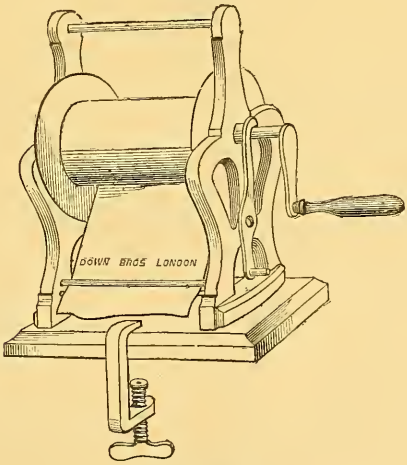



Fig. 1653.

| | | | |
|---|---|---|---|
| **Bandage Rollers** (*Fig.* 1653) for 3-in. bandages . each | 0 | 10 | 0 |
| Ditto, ditto, for 6-in. bandages . . . . . „ | 0 | 13 | 6 |
| Ditto, wood, for plaster of Paris bandages. . „ | 0 | 6 | 6 |

## Bandages, Lints, Wools, etc., *continued.*

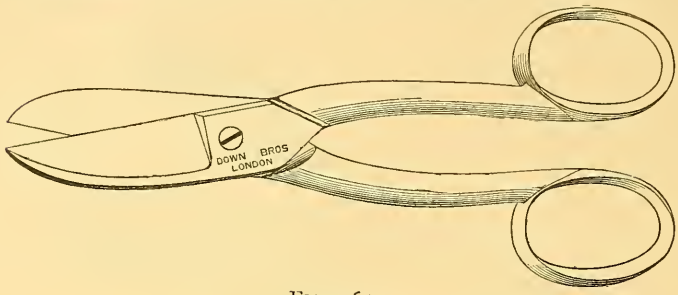



FIG. 1654.

| | £ | s. | d. |
|---|---|---|---|
| **Bandage Shears**, Seutin's, for starch bandages . each | 0 | 10 | 6 |
| Ditto, steel, strong, for plaster bandages (*Fig.* 1654) ,, | 0 | 9 | 6 |

**Drainage Tube Clips** (*see page* 513).

FIG. 1655.

| | | | |
|---|---|---|---|
| **Drainage Tubes,—** | | | |
| Decalcified Bone, assorted sizes . . . per bottle | 0 | 10 | 6 |
| Black india-rubber, perforated . . . per yard | 0 | 0 | 8 |
| Red india-rubber, plain or perforated, 24 sizes, per yard, 8*d.* to | 0 | 2 | 0 |
| *Sample Cards of sizes on application.* | | | |
| Ditto, canvas-lined, with shield for Empyema . each | 0 | 1 | 6 |
| Vulcanite, perforated (*Fig.* 1655), 3 sizes . per set | 0 | 3 | 0 |
| Wire, Chassaignac's . . . . . per foot | 0 | 1 | 6 |

FIG. 1656.

| | | | |
|---|---|---|---|
| **Drainage Tube Probes** (*Fig.* 1656), for introducing same . . . . . each | 0 | 2 | 3 |
| Ditto, Forceps, Lister's, for ditto (*Fig.* 190, *page* 147) each | 0 | 3 | 6 |
| **Dressing Trays** (*see pages* 505–507). | | | |
| **Finger Stalls**, India-rubber . . . per doz. | 0 | 3 | 0 |
| Ditto, ditto, with wrist bands . . . ,, | 0 | 4 | 6 |

## Bandages, Lints, Wools, etc., *continued.*

| | | £ | s. | d. |
|---|---|---|---|---|
| **Lints** (*Special quotations for large quantities*),— | | | | |
| Cotton . . . . . | per lb. | 0 | 1 | 9 |
| No. 0. Flax . . . . . | ,, | 0 | 2 | 8 |
| No. 1. Ditto . . . . . | ,, | 0 | 3 | 2 |
| **Oiled Silk**, best . . . . . | per yard | 0 | 4 | 0 |

## Plasters.

| | Glazed Calico. | Unglazed Calico. | Stout Calico. | Holland. | Moleskin. |
|---|---|---|---|---|---|
| Emp. Adhesive Opt. per doz. yds. | 4/– | 5/6 | — | 6/– | 20/– |
| ,, Belladon. ,, | — | — | 23/– | — | 33/– |
| ,, Cer. Saponis ,, | 9/– | 10/– | — | — | 23/– |
| ,, Plumbi ,, | 5/6 | — | — | — | — |
| ,, Roborans Opt. ,, | 8/– | — | — | — | 22/– |
| ,, Saponis Alb. ,, | 5/6 | — | — | — | 21/– |

| | £ | s. | d. |
|---|---|---|---|
| **Durham's Silk Plaster** . . . . per yard | 0 | 7 | 6 |
| **Leicester Strapping**, in 6-yard rolls, 16-in. wide, brown holland, per doz. yards, 6*s.* 9*d.*; calico . . | 0 | 6 | 0 |
| Ditto, brown holland, in 1-yard tins, each, 6*d.*; in 6-yard tins . . . . . each | 0 | 2 | 3 |
| Ditto, calico, in 6-yard tins . . . . . ,, | 0 | 2 | 0 |
| Ditto, flesh-coloured cambric, in 1-yard tins, per doz. | 0 | 5 | 3 |
| Ditto, isinglass, on fine cambric, ditto . . ,, | 0 | 18 | 0 |
| Ditto, rubber adhesive ditto . . . ,, | 0 | 9 | 0 |
| Ditto, Salicylic on waterproof ditto . . ,, | 2 | 5 | 0 |
| Ditto, tape plasters, rubber adhesive, 10-yard rolls, ½-in., 12*s.*; ¾-in., 15*s.*; 1-in., 18*s.*; 1½-in., 24*s.*; 2-in. . . . . per doz. | 1 | 7 | 0 |
| **Leslie's Plasters**,— | | | |
| Caddies, containing 10 yards (6-in. wide) on roller, Emp. Adhesive, on calico or holland . . each | 0 | 5 | 0 |
| Emp. Adhesive, in 1-yard tins, each, calico, 8*d.*; brown holland | 0 | 0 | 9 |
| Ditto, in 6-yard tins, each, calico, 3*s.*; brown holland | 0 | 3 | 0 |
| Ditto, in 12-yard tins, brown holland . . each | 0 | 6 | 0 |
| Emp. Cerat. Saponis, in 6-yard tins . . . each | 0 | 4 | 0 |

## Bandages, Lints, Wools, etc., *continued.*

| | £ | s. | d. |
|---|---|---|---|
| **Leslie's Plasters**, *continued*,— | | | |
| Tape Plasters, on calico, $\frac{1}{8}$th to $1\frac{1}{2}$-in. wide, in 6-yard tin boxes . . . . . per doz. | 0 | 10 | 0 |
| Ditto, on holland, $\frac{1}{2}$, 1, and $1\frac{1}{2}$-in wide, in 5-yard tin boxes . . . . . per doz. | 0 | 10 | 0 |
| Ditto, on silk, in 3-yard tin boxes . . „ | 0 | 10 | 0 |
| Tape Plasters on black waterproof, $\frac{1}{2}$, 1, and $1\frac{1}{2}$-in. wide, in 5-yard tin boxes . . . . per doz. | 0 | 15 | 0 |
| **Mather's Surgeon's Rubber Adhesive** per yard | 0 | 1 | 7 |
| **Mead's Adhesive Plaster** (Seabury & Johnson),— | | | |
| 1-yard rolls, 7-in. wide . . . . per roll | 0 | 1 | 4 |
| 5-yard rolls, 12-in. wide . . . . „ | 0 | 5 | 6 |
| Ditto, tape plasters, on 10-yard spools, $\frac{1}{4}$-in., 14*s.*; $\frac{1}{2}$-in., 16*s.*; 1-in., 20*s.*; $1\frac{1}{2}$-in., 24*s.*; 2-in., 28*s.*; 3-in. . . . . per doz. | 2 | 0 | 0 |
| **Sponges**, for Wounds, Honeycomb, per doz., 4*s.*, 6*s.*, 9*s.* | 0 | 12 | 0 |
| Ditto, Turkey . per doz., 6*s.*, 9*s.*, 13*s.* 6*d.*, 18*s.*, | 1 | 1 | 0 |
| Ditto, ditto, small cup for eye, etc. . . per doz. | 0 | 10 | 0 |
| Ditto, large, flat for Ovariotomy . each, 3*s.* and | 0 | 4 | 0 |
| **Spongio Piline** . . . . . per square yard | 0 | 13 | 0 |
| **Syringes for Wounds**, brass, with plated pipes (*Fig.* 413, *page* 115), each, 1-oz., 5*s.* 6*d.*; 2-oz., 6*s.* 6*d.*; 3-oz., 7*s.* 6*d.*; 4-oz. . . . . | 0 | 8 | 6 |
| *With Finger Rings*, 1*s. each extra.* | | | |
| Ditto, "Higginson's," as used at St. Thomas's, glass or ivory pipes . . . . . each | 0 | 3 | 0 |
| Bryant's Douche, tin reservoir, with vulcanite pipe and stopcock . . . . . each | 0 | 13 | 6 |
| **Tow** . . . . . per lb., 4*d.*, 6*d.*, and | 0 | 0 | 10 |
| **Wools, etc.** (*Special quotations for large quantities*),— | | | |
| Absorbent, best . . . . . per lb. | 0 | 1 | 10 |
| Ditto, seconds . . . . . „ | 0 | 1 | 4 |
| Brown, common . . . . . „ | 0 | 0 | 9 |
| White, seconds . . . . . „ | 0 | 1 | 3 |
| Ditto, best . . . . . „ | 0 | 1 | 6 |
| Ditto, super . . . . . „ | 0 | 2 | 0 |
| Gamgee's Tissue . . . per lb. 1/9, 2/–, and | 0 | 2 | 6 |
| Wadding, in sheets, for splint padding, etc. . per piece | 0 | 3 | 6 |